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Modul:Color/Doku

Dies ist die Dokumentationsseite für Modul:Color

This module is used primarily by Vorlage:Tl, eliminating the need for external color converters and preventing mismatch between color coordinates.

Usage

To use this module, you may use one of the above listed templates or invoke the module directly. All functions that accept hexadecimal triplets also handle the shorthand three-digit format.

To convert a hexadecimal triplet to an RGB triplet as comma-separated values:

```
{{#invoke:Color|hexToRgbTriplet|color}}
```

To convert a hexadecimal triplet to the CMYK color model without a color profile:

```
{{#invoke:Color|hexToCmyk|color|precision=?|pctsign=?}}
```

To convert a hexadecimal triplet to HSL or HSV:

```
{{#invoke:Color|hexToHsl|color|precision=?}}
{{#invoke:Color|hexToHsv|color|precision=?}}
```

To convert a hexadecimal triplet to the perceptual $CIELCh_{uv}$ color space:

```
{{#invoke:Color|hexToCielch|color|precision=?}}
```

To mix two colors in the more physically correct linear RGB space:

```
{{#invoke:Color|hexMix|color1|color2|proportion|min=?|max=?}}
```

The following parameters are optional:

- `precision`: defaults to `0` (zero)
- `pctsign`: set to `0` (zero) to suppress percent signs in the generated output
- `proportion`: proportion of `color2`, defaults to 50
- `min`: minimum value of proportion range, defaults to 0
- `max`: maximum value of proportion range, defaults to 100