

Converting Colors

CIELCh(53, 25.770, 22.070)

Have a look what the booklet for
CIELCh(53, 25.770, 22.070) contains.

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Color

CIELCh(53, 25.786, 22.503)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | AB6F6F |
| RGB | 171, 111, 111 |
| RGB Percent | 67%, 44%, 44% |
| CMY | 0.3309, 0.5661, 0.5661 |
| CMYK | 0.00, 0.35, 0.35, 0.33 |
| HSL | 360°, 26%, 55% |
| HSV | 360°, 35%, 67% |
| XYZ | 25.2059, 21.0462, 17.6726 |
| YIQ | 128.9400, 35.7600, 12.7200 |

Conversions

Conversions Part 2

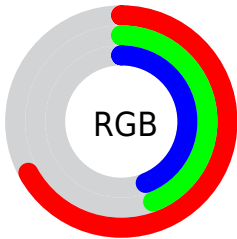
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 171, 111, 111 |
| Decimal | 11235183 |
| CIE _{Lab} | 53.00, 23.82, 9.87 |
| CIE _{LCh} | 53, 25.786, 22.503 |
| Yxy | 21.0462, 0.3943, 0.3292 |
| Android (android.graphics.Color) | 4289425263 (0xFFAB6F6F) |
| YUV | 128.9400, -8.8444, 36.8866 |
| Hunter-Lab | 45.8761, 17.7909, 9.2733 |

Details

The CIELCh color **53, 25.786, 22.503** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **66, 20.268, 197.725**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 25.905, 21.745**, and **33, 26.071, 22.797** is the 20% darker color. If you saturate the color by 10%, you get **49, 34.235, 24.065**, and if you desaturate by 10%, it is **58, 17.786, 21.309**.

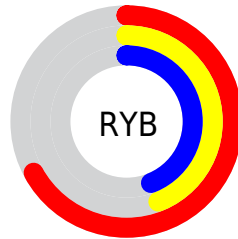
Distribution



Red (67%)

Green (44%)

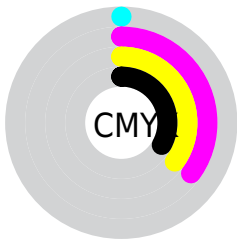
Blue (44%)



Red (67%)

Yellow (44%)

Blue (44%)

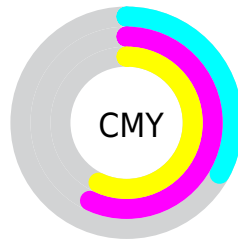


Cyan (0%)

Magenta (35%)

Yellow (35%)

Black (33%)



Cyan (33%)

Magenta (57%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 25.786, 22.503 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 53, 25.786, 22.503 by changing the saturation by 10% instead.

■ 53, 25.786, 22.503

■ 53, 25.786, 22.503

■ 100, 25.786,
22.503

■ 43, 25.786, 22.503

■ 73, 25.786, 22.503

■ 33, 25.786, 22.503

■ 83, 25.786, 22.503

■ 23, 25.786, 22.503

■ 93, 25.786, 22.503

■ 13, 25.786, 22.503

■ 3, 25.786, 22.503

■ 0, 25.786, 22.503

■ 53, 25.786, 22.503

■ 53, 25.786, 22.503

■ 49, 34.235, 24.065

■ 58, 17.786, 21.309

■ 45, 42.996, 26.087

■ 62, 10.309, 20.373

41, 51.840, 28.671

67, 3.369, 19.565

39, 60.453, 31.837

72, 3.057, 199.315

37, 68.355, 35.361

77, 9.006, 198.770

36, 74.562, 38.498

82, 14.527,
198.397

35, 77.264, 39.894

87, 19.668,
198.105

93, 24.475,
197.868

95, 26.588,
197.778

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



53, 25.786, 22.503



66, 20.268, 197.725

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



53, 25.786, 22.503



53, 25.786, 72.503



53, 25.786, 202.503



53, 25.786, 252.503

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



53, 25.784, 22.507



82, 9.131, 20.054



55, 40.191, 325.822



43, 6.216, 20.157



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



53, 25.784, 22.507



64, 39.142, 23.654



60, 21.268, 69.378



33, 3.724, 19.903



30, 69.025, 39.358



1, 6.572, 19.402

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



53, 25.784, 22.507



64, 39.142, 23.654



58, 19.096, 259.208



33, 3.724, 19.903



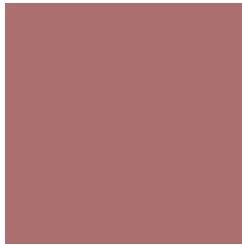
30, 69.025, 39.358



1, 6.572, 19.402

Previews

White Background



This preview shows how the CIELCh color 53, 25.786, 22.503 looks on a white background.

Color Contrast Check

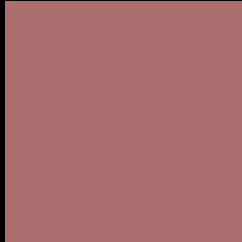
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIELCh color 53, 25.786, 22.503 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

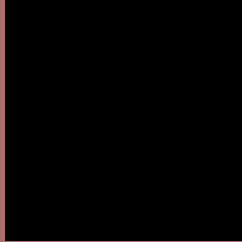
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 53, 25.786, 22.503

Background



This preview shows how black text looks on a background with the CIELCh color 53, 25.786, 22.503.



This preview shows how white text looks on a background with the CIELCh color 53, 25.786, 22.503.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

53, 25.786, 22.503

Protanopia

53, 4.510, 82.710

Deuteranopia

53, 12.780, 55.859



Tritanopia
53, 25.948, 12.619

Trichromacy



Original Color
53, 25.786, 22.503

Protanomaly
53, 10.744, 32.817

Deuteranomaly
53, 16.627, 36.980

Tritanomaly
53, 25.967, 16.382

Monochromacy



Original Color
53, 25.786, 22.503

Achromatopsia
54, 0.007, 296.813

Achromatomaly
53, 9.053, 20.370

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 25.786, 22.503 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(171, 111, 111)` looks like.

```
.text, #text, p{  
    color:rgb(171, 111, 111)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(171, 111, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 111, 111) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 25.786, 22.503 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(171, 111, 111) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(171, 111, 111) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(171, 111, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 111, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 111, 111);  
box-shadow:4px 4px 4px 4px rgb(171, 111,  
111) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 25.786, 22.503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 111, 111) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(171,  
111, 111) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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