

Converting Colors

CIELCh(51, 25.590, 92.462)

Have a look what the booklet for
CIELCh(51, 25.590, 92.462) contains.

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Color

CIELCh(51, 25.555, 92.498)

Conversions

Conversions Part 1

Format	Color
Hex	87794E
RGB	135, 121, 78
RGB Percent	53%, 47%, 31%
CMY	0.4719, 0.5267, 0.6953
CMYK	0.00, 0.10, 0.42, 0.47
HSL	45°, 27%, 42%
HSV	45°, 42%, 53%
XYZ	18.1032, 19.2686, 9.9175
YIQ	120.2840, 22.1470, -10.4050

Conversions

Conversions Part 2

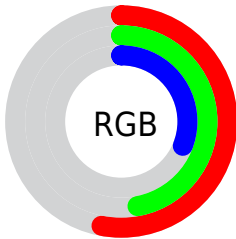
Format	Color
R_{YB}	97, 135, 78
Decimal	8878414
CIE Lab	51.00, -1.11, 25.53
CIE LCh	51, 25.555, 92.498
Yxy	19.2686, 0.3828, 0.4075
Android (android.graphics.Color)	4287068494 (0xFF87794E)
YUV	120.2840, -20.8460, 12.9059
Hunter-Lab	43.8960, -3.2029, 17.3317

Details

The CIELCh color **51, 25.555, 92.498** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **39, 26.466, 284.074**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 25.274, 92.443**, and **31, 25.890, 92.832** is the 20% darker color. If you saturate the color by 10%, you get **50, 31.556, 91.236**, and if you desaturate by 10%, it is **52, 19.473, 93.741**.

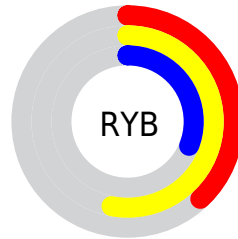
Distribution



Red (53%)

Green (47%)

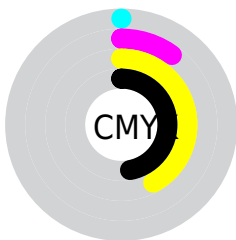
Blue (31%)



Red (38%)

Yellow (53%)

Blue (31%)

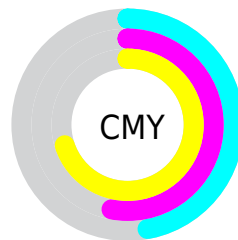


Cyan (0%)

Magenta (10%)

Yellow (42%)

Black (47%)



Cyan (47%)

Magenta (53%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 51, 25.555, 92.498 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 51, 25.555, 92.498 by changing the saturation by 10% instead.

■ 51, 25.555, 92.498

■ 51, 25.555, 92.498

■ 100, 25.555,
92.498

■ 41, 25.555, 92.498

■ 71, 25.555, 92.498

■ 31, 25.555, 92.498

■ 81, 25.555, 92.498

■ 21, 25.555, 92.498

■ 91, 25.555, 92.498

■ 11, 25.555, 92.498

■ 1, 25.555, 92.498

■ 0, 25.555, 92.498

■ 51, 25.555, 92.498

■ 51, 25.555, 92.498

■ 50, 31.556, 91.236

■ 52, 19.473, 93.741

■ 49, 37.333, 89.941

■ 53, 13.388, 94.950

■ 48, 42.655, 88.603

■ 55, 7.342, 96.120

■ 47, 47.159, 87.188

■ 56, 1.359, 97.179

■ 46, 50.370, 85.629

■ 57, 4.552, 278.409

■ 45, 52.358, 84.400

■ 59, 10.386,
279.448

■ 60, 16.145,
280.452

■ 61, 21.831,
281.410

■ 63, 27.446,
282.322

Harmonies

Complementary

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



51, 25.555, 92.498



39, 26.466, 284.074

Rectangle

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



51, 25.555, 92.498



51, 25.555, 142.498



51, 25.555, 272.498



51, 25.555, 322.498

Sweetspot

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



51, 25.556, 92.502



70, 9.660, 96.006



40, 25.943, 4.615



36, 6.821, 95.777



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



51, 25.556, 92.502



64, 38.283, 91.255



54, 32.527, 117.362



27, 3.317, 96.481



44, 51.066, 84.472



1, 0.793, 97.533

Inverse Universe

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



39, 26.466, 284.074



47, 40.251, 286.275



37, 35.659, 303.201



26, 3.343, 278.642



19, 65.429, 299.881



0, 0.793, 277.538

Previews

White Background



This preview shows how the CIELCh color 51, 25.555, 92.498 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 51, 25.555, 92.498 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 51, 25.555, 92.498

Background



This preview shows how black text looks on a background with the CIELCh color 51, 25.555, 92.498.



This preview shows how white text looks on a background with the CIELCh color 51, 25.555, 92.498.

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

51, 25.555, 92.498

Protanopia

51, 25.648, 96.690

Deuteranopia

51, 25.751, 74.990



Tritanopia
51, 11.059, 352.562

Trichromacy



Original Color
51, 25.555, 92.498

Protanomaly
51, 25.739, 95.692

Deuteranomaly
51, 25.233, 81.399

Tritanomaly
51, 10.362, 54.046

Monochromacy



Original Color
51, 25.555, 92.498

Achromatopsia
50, 0.007, 296.813

Achromatomaly
50, 8.963, 95.394

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 25.555, 92.498 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(135, 121, 78)` looks like.

```
.text, #text, p{  
    color:rgb(135, 121, 78)  
}
```

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(135, 121, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 121, 78) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 25.555, 92.498 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(135, 121, 78) }
```

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

```
.border{ border-color:rgb(135, 121, 78) }
```

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

Here you see how a box with a 4 pixel rgb(135, 121, 78) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 121, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 121, 78);  
box-shadow:4px 4px 4px 4px rgb(135, 121,  
78) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 25.555, 92.498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 121, 78) }
```

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

```
.background{ background-color: rgb(135,  
121, 78) }
```

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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