

Converting Colors

CIELCh(51, 25.689, 12.513)

Have a look what the booklet for
CIELCh(51, 25.689, 12.513) contains.

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Color

CIELCh(51, 25.729, 12.545)

Conversions

Conversions Part 1

Format	Color
Hex	A56971
RGB	165, 105, 113
RGB Percent	65%, 41%, 44%
CMY	0.3533, 0.5885, 0.5572
CMYK	0.00, 0.36, 0.32, 0.35
HSL	352°, 25%, 53%
HSV	352°, 36%, 65%
XYZ	23.5199, 19.2686, 18.0802
YIQ	123.8520, 33.1920, 15.2080

Conversions

Conversions Part 2

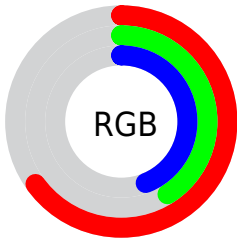
Format	Color
R_{YB}	165, 105, 113
Decimal	10840433
CIE Lab	51.00, 25.11, 5.59
CIE LCh	51, 25.729, 12.545
Yxy	19.2686, 0.3864, 0.3166
Android (android.graphics.Color)	4289030513 (0xFFA56971)
YUV	123.8520, -5.3500, 36.0868
Hunter-Lab	43.8960, 18.8238, 6.3064

Details

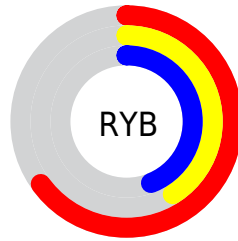
The CIELCh color **51, 25.729, 12.545** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **64, 21.405, 185.436**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 25.538, 12.174**, and **31, 25.399, 13.307** is the 20% darker color. If you saturate the color by 10%, you get **47, 33.479, 14.337**, and if you desaturate by 10%, it is **55, 18.187, 11.110**.

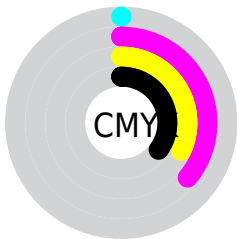
Distribution



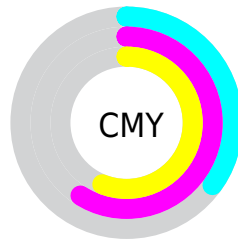
- Red (65%)
- Green (41%)
- Blue (44%)



- Red (65%)
- Yellow (41%)
- Blue (44%)



- Cyan (0%)
- Magenta (36%)
- Yellow (32%)
- Black (35%)



- Cyan (35%)
- Magenta (59%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 51, 25.729, 12.545 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, 25.729, 12.545 by changing the saturation by 10% instead.

■ 51, 25.729, 12.545

■ 51, 25.729, 12.545

■ 100, 25.729,
12.545

■ 41, 25.729, 12.545

■ 71, 25.729, 12.545

■ 31, 25.729, 12.545

■ 81, 25.729, 12.545

■ 21, 25.729, 12.545

■ 91, 25.729, 12.545

■ 11, 25.729, 12.545

■ 1, 25.729, 12.545

■ 0, 25.729, 12.545

■ 51, 25.729, 12.545

■ 51, 25.729, 12.545

■ 47, 33.479, 14.337

■ 55, 18.187, 11.110

■ 43, 41.256, 16.590

■ 60, 10.974, 9.927

40, 48.808, 19.441

65, 4.147, 8.891

37, 55.870, 23.006

69, 2.282, 188.387

35, 62.237, 27.298

74, 8.322, 187.545

34, 67.805, 32.019

79, 13.999,
186.918

34, 69.755, 33.541

84, 19.343,
186.379

89, 24.389,
185.903

94, 29.167,
185.480

Harmonies

Complementary

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



51, 25.729, 12.545



64, 21.405, 185.436

Rectangle

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



51, 25.729, 12.545



51, 25.729, 62.545



51, 25.729, 192.545



51, 25.729, 242.545

Sweetspot

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



51, 25.727, 12.548



79, 8.981, 9.385



52, 39.339, 322.418



41, 6.047, 9.515



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



51, 25.727, 12.548



61, 39.188, 14.029



56, 21.064, 56.709



32, 3.680, 9.188



30, 63.209, 32.974



1, 5.560, 9.467

Inverse Universe

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



51, 25.727, 12.548



61, 39.188, 14.029



57, 17.487, 244.688



32, 3.680, 9.188



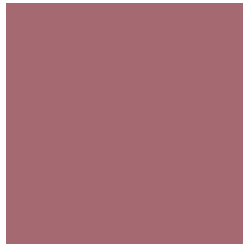
30, 63.209, 32.974



1, 5.560, 9.467

Previews

White Background



This preview shows how the CIELCh color 51, 25.729, 12.545 looks on a white background.

Color Contrast Check

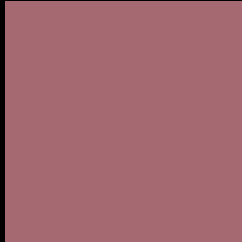
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIE LCh color 51, 25.729, 12.545 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

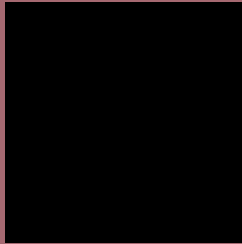
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 25.729, 12.545

Background



This preview shows how black text looks on a background with the CIELCh color 51, 25.729, 12.545.



This preview shows how white text looks on a background with the CIELCh color 51, 25.729, 12.545.

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, 25.729, 12.545

Protanopia

51, 1.346, 353.659

Deuteranopia

51, 9.391, 45.680



Tritanopia
51, 25.729, 12.545

Trichromacy



Original Color
51, 25.729, 12.545

Protanomaly
51, 10.155, 7.413

Deuteranomaly
51, 14.861, 23.336

Tritanomaly
51, 25.729, 12.545

Monochromacy



Original Color
51, 25.729, 12.545

Achromatopsia
52, 0.007, 296.813

Achromatomaly
51, 9.209, 9.605

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 25.729, 12.545 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(165, 105, 113)` looks like.

```
.text, #text, p{  
    color:rgb(165, 105, 113)  
}
```

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(165, 105, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 105, 113) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 25.729, 12.545 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(165, 105, 113) }
```

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

```
.border{ border-color:rgb(165, 105, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 105, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 105, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 105, 113);  
box-shadow:4px 4px 4px 4px rgb(165, 105,  
113) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 25.729, 12.545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 105, 113) }
```

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

```
.background{ background-color: rgb(165,  
105, 113) }
```

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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