

Converting Colors

CIELCh(56, 10.299, 65.666)

Have a look what the booklet for
CIELCh(56, 10.299, 65.666) contains.

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Color

CIELCh(56, 10.299, 65.666)

Conversions

Conversions Part 1

Format	Color
Hex	948376
RGB	148, 131, 118
RGB Percent	58%, 51%, 46%
CMY	0.4188, 0.4855, 0.5365
CMYK	0.00, 0.11, 0.20, 0.42
HSL	26°, 12%, 52%
HSV	26°, 20%, 58%
XYZ	23.6732, 23.9124, 20.5671
YIQ	134.6010, 14.3050, -0.4390

Conversions

Conversions Part 2

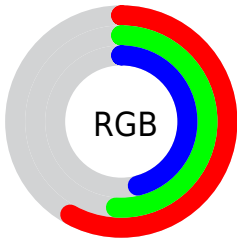
Format	Color
R_{YB}	148, 141, 118
Decimal	9732982
CIE _{Lab}	56.00, 4.24, 9.38
CIE _{LCh}	56, 10.299, 65.666
Yxy	23.9124, 0.3474, 0.3509
Android (android.graphics.Color)	4287923062 (0xFF948376)
YUV	134.6010, -8.1843, 11.7509
Hunter-Lab	48.9003, 0.8384, 9.2933

Details

The CIELCh color **56, 10.299, 65.666** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **55, 9.565, 250.518**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **76, 10.268, 66.566**, and **36, 10.215, 66.222** is the 20% darker color. If you saturate the color by 10%, you get **53, 15.834, 64.622**, and if you desaturate by 10%, it is **59, 5.067, 66.719**.

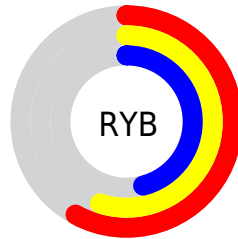
Distribution



Red (58%)

Green (51%)

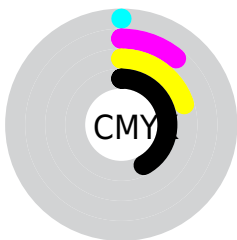
Blue (46%)



Red (58%)

Yellow (55%)

Blue (46%)

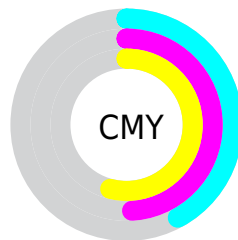


Cyan (0%)

Magenta (11%)

Yellow (20%)

Black (42%)



Cyan (42%)

Magenta (49%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 56, 10.299, 65.666 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 56, 10.299, 65.666 by changing the saturation by 10% instead.

■ 56, 10.299, 65.666

■ 56, 10.299, 65.666

■ 100, 10.299,
65.666

■ 46, 10.299, 65.666

■ 76, 10.299, 65.666

■ 36, 10.299, 65.666

■ 86, 10.299, 65.666

■ 26, 10.299, 65.666

■ 96, 10.299, 65.666

■ 16, 10.299, 65.666

■ 6, 10.299, 65.666

■ 0, 10.299, 65.666

■ 56, 10.299, 65.666

■ 56, 10.299, 65.666

■ 53, 15.834, 64.622

■ 59, 5.067, 66.719

■ 51, 21.690, 63.579

■ 61, 0.115, 64.937

48, 27.862, 62.555

64, 4.586, 248.995

46, 34.312, 61.542

67, 9.063, 250.003

44, 40.921, 60.499

70, 13.341,
251.010

42, 47.425, 59.325

72, 17.444,
251.992

40, 53.295, 57.795

38, 58.383, 56.152

75, 21.394,
252.944

78, 25.208,
253.860

81, 28.902,
254.741

Harmonies

Complementary

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



56, 10.299, 65.666



55, 9.565, 250.518

Rectangle

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



56, 10.299, 65.666



56, 10.299, 115.666



56, 10.299, 245.666



56, 10.299, 295.666

Sweetspot

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



56, 10.299, 65.677



76, 3.648, 67.116



53, 15.433, 341.821



40, 2.417, 67.065



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



56, 10.299, 65.677



70, 15.377, 65.229



60, 15.704, 105.345



30, 2.780, 66.824



35, 55.238, 56.421



1, 2.381, 67.878

Inverse Universe

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



55, 9.565, 250.518



70, 14.033, 251.190



51, 16.329, 289.687



30, 2.697, 249.024



32, 39.063, 275.433



1, 2.381, 247.893

Previews

White Background



This preview shows how the CIELCh color 56, 10.299, 65.666 looks on a white background.

Color Contrast Check

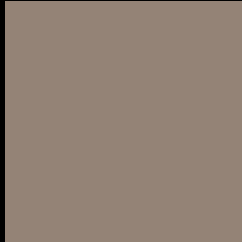
Large Text (above 18pt) WCAG AA ✓ Pass

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 56, 10.299, 65.666 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

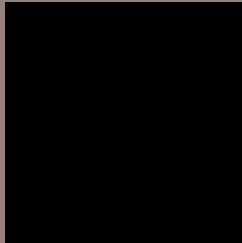
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 10.299, 65.666

Background



This preview shows how black text looks on a background with the CIELCh color 56, 10.299, 65.666.



This preview shows how white text looks on a background with the CIELCh color 56, 10.299, 65.666.

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

56, 10.299, 65.666

Protanopia

56, 8.343, 91.981

Deuteranopia

56, 11.608, 49.516



Tritanopia
56, 10.779, 348.646

Trichromacy



Original Color
56, 10.299, 65.666

Protanomaly
56, 8.993, 81.765

Deuteranomaly
56, 10.832, 55.286

Tritanomaly
56, 8.566, 12.665

Monochromacy



Original Color
56, 10.299, 65.666

Achromatopsia
56, 0.007, 296.813

Achromatomaly
56, 3.719, 69.386

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 10.299, 65.666 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(148, 131, 118)` looks like.

```
.text, #text, p{  
    color:rgb(148, 131, 118)  
}
```

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(148, 131, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 131, 118) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 10.299, 65.666 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(148, 131, 118) }
```

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

```
.border{ border-color:rgb(148, 131, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 131, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 131, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 131, 118);  
box-shadow:4px 4px 4px 4px rgb(148, 131,  
118) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 10.299, 65.666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 131, 118) }
```

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

```
.background{ background-color: rgb(148,  
131, 118) }
```

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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