

Converting Colors

CIELCh(55, 21.648, 3.725)

Have a look what the booklet for
CIELCh(55, 21.648, 3.725) contains.

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Color

CIELCh(55, 21.451, 3.510)

Conversions

Conversions Part 1

Format	Color
Hex	A87682
RGB	168, 118, 130
RGB Percent	66%, 46%, 51%
CMY	0.3408, 0.5369, 0.4898
CMYK	0.00, 0.30, 0.23, 0.34
HSL	346°, 22%, 56%
HSV	346°, 30%, 66%
XYZ	26.6959, 22.9298, 24.1717
YIQ	134.3180, 25.9480, 14.3320

Conversions

Conversions Part 2

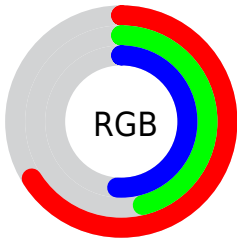
Format	Color
R _Y B	168, 118, 130
Decimal	11040386
CIE Lab	55.00, 21.41, 1.31
CIE LCh	55, 21.451, 3.510
Yxy	22.9298, 0.3617, 0.3107
Android (android.graphics.Color)	4289230466 (0xFFA87682)
YUV	134.3180, -2.1288, 29.5391
Hunter-Lab	47.8851, 15.7146, 3.5908

Details

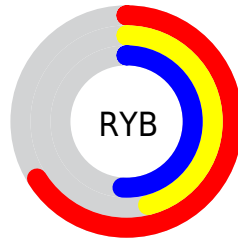
The CIELCh color **55, 21.451, 3.510** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **65, 19.274, 177.450**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **75, 21.230, 3.758**, and **35, 21.539, 3.324** is the 20% darker color. If you saturate the color by 10%, you get **51, 29.100, 5.059**, and if you desaturate by 10%, it is **60, 13.958, 2.223**.

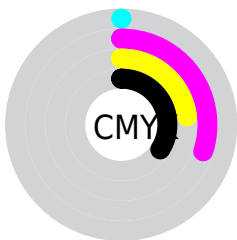
Distribution



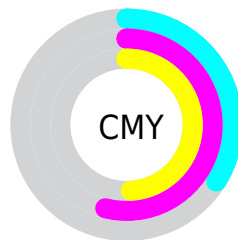
- Red (66%)
- Green (46%)
- Blue (51%)



- Red (66%)
- Yellow (46%)
- Blue (51%)



- Cyan (0%)
- Magenta (30%)
- Yellow (23%)
- Black (34%)



- Cyan (34%)
- Magenta (54%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 21.451, 3.510 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 55, 21.451, 3.510 by changing the saturation by 10% instead.

 55, 21.451, 3.510  55, 21.451, 3.510

 100, 21.451, 3.510  45, 21.451, 3.510

 75, 21.451, 3.510  35, 21.451, 3.510

 85, 21.451, 3.510  25, 21.451, 3.510

 95, 21.451, 3.510  15, 21.451, 3.510

 5, 21.451, 3.510

 0, 21.451, 3.510

 55, 21.451, 3.510  55, 21.451, 3.510

 51, 29.100, 5.059  60, 13.958, 2.223

 47, 36.731, 6.952  64, 6.735, 1.106

43, 44.088, 9.312

69, 0.167, 182.850

40, 50.864, 12.289

74, 6.731, 179.487

38, 56.778, 16.033

79, 12.963,
178.734

36, 61.705, 20.632

84, 18.880,
178.079

35, 65.999, 25.750

35, 66.114, 25.873

89, 24.505,
177.492

94, 29.867,
176.960

95, 28.423,
187.236

Harmonies

Complementary

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



55, 21.451, 3.510



65, 19.274, 177.450

Rectangle

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



55, 21.451, 3.510



55, 21.451, 53.510



55, 21.451, 183.510



55, 21.451, 233.510

Sweetspot

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



55, 21.449, 3.513



82, 7.711, 1.043



55, 31.837, 318.558



43, 5.368, 1.193



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



55, 21.449, 3.513



67, 32.588, 4.550



58, 17.560, 44.393



33, 3.910, 1.056



30, 59.900, 25.216



1, 6.887, 2.753

Inverse Universe

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



55, 21.449, 3.513



67, 32.588, 4.550



62, 14.499, 227.551



33, 3.910, 1.056



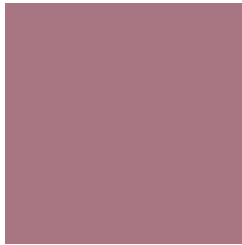
30, 59.900, 25.216



1, 6.887, 2.753

Previews

White Background



This preview shows how the CIELCh color 55, 21.451, 3.510 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 55, 21.451, 3.510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

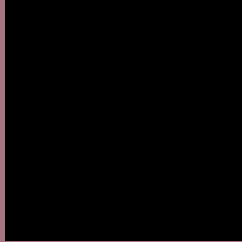
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 21.451, 3.510

Background



This preview shows how black text looks on a background with the CIELCh color 55, 21.451, 3.510.



This preview shows how white text looks on a background with the CIELCh color 55, 21.451, 3.510.

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

55, 21.451, 3.510

Protanopia

55, 4.111, 301.545

Deuteranopia

55, 7.306, 20.134



Tritanopia
55, 20.719, 7.639

Trichromacy



Original Color
55, 21.451, 3.510

Protanomaly
55, 9.501, 347.590

Deuteranomaly
55, 12.537, 7.682

Tritanomaly
55, 20.806, 6.099

Monochromacy



Original Color
55, 21.451, 3.510

Achromatopsia
56, 0.007, 296.813

Achromatomaly
55, 7.761, 358.634

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 21.451, 3.510 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(168, 118, 130)` looks like.

```
.text, #text, p{  
    color:rgb(168, 118, 130)  
}
```

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(168, 118, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 118, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 21.451, 3.510 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(168, 118, 130) }
```

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

```
.border{ border-color:rgb(168, 118, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 118, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(168, 118, 130); -webkit-box-shadow:4px 4px 4px 4px rgb(168, 118, 130); box-shadow:4px 4px 4px 4px rgb(168, 118, 130) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 21.451, 3.510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 118, 130) }
```

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

```
.background{ background-color: rgb(168,  
118, 130) }
```

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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