

Converting Colors

CIELCh(65, 5.210, 19.329)

Have a look what the booklet for
CIELCh(65, 5.210, 19.329) contains.

CIELCh(65, 5.054, 19.785)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(65, 5.054, 19.785)

Conversions

Conversions Part 1

Format	Color
Hex	A89B9B
RGB	168, 155, 155
RGB Percent	66%, 61%, 61%
CMY	0.3419, 0.3929, 0.3929
CMYK	0.00, 0.08, 0.08, 0.34
HSL	0°, 7%, 63%
HSV	0°, 8%, 66%
XYZ	33.7013, 34.0472, 35.7259
YIQ	158.8870, 7.7480, 2.7560

Conversions

Conversions Part 2

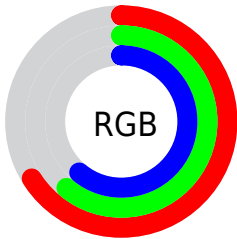
Format	Color
RYB	168, 155, 155
Decimal	11049883
CIELab	65.00, 4.76, 1.71
CIELCh	65, 5.054, 19.785
Yxy	34.0472, 0.3257, 0.3290
Android (android.graphics.Color)	4289239963 (0xFFA89B9B)
YUV	158.8870, -1.9163, 7.9921
Hunter-Lab	58.3500, 0.9841, 4.5436

Details

The CIELCh color **65, 5.054, 19.785** is a light color, and the websafe version is hex **999999**. A complement of this color would be **68, 4.817, 199.108**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 5.136, 19.676**, and **45, 5.034, 19.962** is the 20% darker color. If you saturate the color by 10%, you get **60, 12.035, 20.615**, and if you desaturate by 10%, it is **70, 1.414, 199.652**.

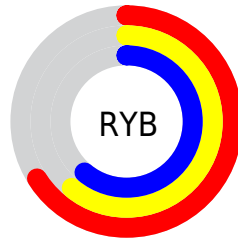
Distribution



Red (66%)

Green (61%)

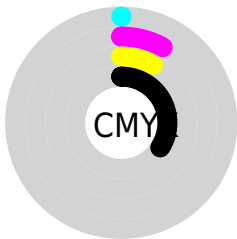
Blue (61%)



Red (66%)

Yellow (61%)

Blue (61%)

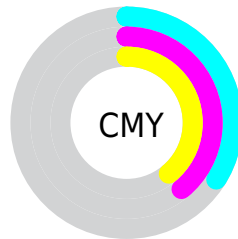


Cyan (0%)

Magenta (8%)

Yellow (8%)

Black (34%)



Cyan (34%)

Magenta (39%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 5.054, 19.785 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 65, 5.054, 19.785 by changing the saturation by 10% instead.

 65, 5.054, 19.785

 65, 5.054, 19.785

 100, 5.054, 19.785

 55, 5.054, 19.785

 85, 5.054, 19.785

 45, 5.054, 19.785

 95, 5.054, 19.785

 35, 5.054, 19.785

 25, 5.054, 19.785

 15, 5.054, 19.785

 5, 5.054, 19.785

 0, 5.054, 19.785

 65, 5.054, 19.785

 65, 5.054, 19.785

 60, 12.035, 20.615

 70, 1.414, 199.652

56, 19.546, 21.607

75, 7.401, 198.909

51, 27.559, 22.885

80, 12.953,
198.510

47, 35.990, 24.547

85, 18.118,
198.200

43, 44.679, 26.700

40, 53.381, 29.428

90, 22.942,
197.951

37, 61.760, 32.713

95, 27.341,
197.732

36, 69.262, 36.229

35, 75.027, 39.227

Harmonies

Complementary

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



65, 5.054, 19.785



68, 4.817, 199.108

Rectangle

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



65, 5.054, 19.785



65, 5.054, 69.785



65, 5.054, 199.785



65, 5.054, 249.785

Sweetspot

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



65, 5.053, 19.804



86, 1.588, 19.173



65, 8.770, 324.833



46, 0.901, 19.144



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



65, 5.053, 19.804



82, 7.340, 19.915



67, 4.366, 74.422



33, 3.723, 19.925



30, 69.024, 39.363



1, 6.571, 19.421

Inverse Universe

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



68, 4.817, 199.108



86, 6.936, 199.018



66, 4.295, 256.468



35, 3.515, 199.011



55, 33.377, 196.420



5, 6.570, 199.449

Previews

White Background



This preview shows how the CIELCh color 65, 5.054, 19.785 looks on a white background.

Color Contrast Check

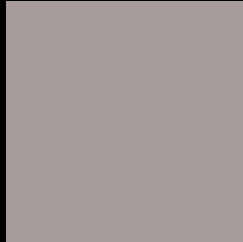
Large Text (above 18pt) WCAG AA × Fail

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 65, 5.054, 19.785 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

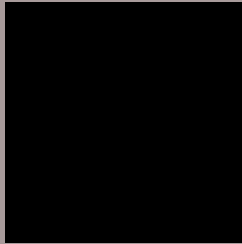
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 5.054, 19.785

Background



This preview shows how black text looks on a background with the CIELCh color 65, 5.054, 19.785.



This preview shows how white text looks on a background with the CIELCh color 65, 5.054, 19.785.

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


65, 5.054, 19.785

Protanopia

65, 1.629, 39.131

Deuteranopia

65, 8.287, 12.489



Tritanopia
65, 9.066, 332.913

Trichromacy



Original Color
65, 5.054, 19.785

Protanomaly
65, 2.701, 19.485

Deuteranomaly
65, 7.049, 15.516

Tritanomaly
65, 6.970, 346.184

Monochromacy



Original Color
65, 5.054, 19.785

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 1.922, 19.342

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 5.054, 19.785 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, 155, 155)` looks like.

```
.text, #text, p{  
    color:rgb(168, 155, 155)  
}
```

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, 155, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 155, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 5.054, 19.785 is called "border". The border property can be set on classes, ids or directly on the HTML element.

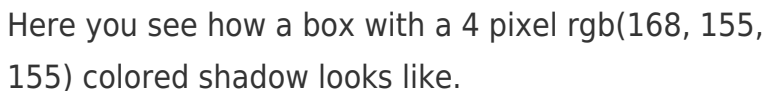
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(168, 155, 155) }
```

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

```
.border{ border-color:rgb(168, 155, 155) }
```

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



Here you see how a box with a 4 pixel `rgb(168, 155, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 155, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 155, 155);  
box-shadow:4px 4px 4px 4px rgb(168, 155,  
155) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 5.054, 19.785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 155, 155) }
```

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

```
.background{ background-color: rgb(168,  
155, 155) }
```

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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