

Converting Colors

CIE LCh(65, 1.982, 53.196)

Have a look what the booklet for
CIELCh(65, 1.982, 53.196) contains.

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Color

CIELCh(65, 1.888, 55.189)

Conversions

Conversions Part 1

Format	Color
Hex	A19D9B
RGB	161, 157, 155
RGB Percent	63%, 62%, 61%
CMY	0.3687, 0.3844, 0.3922
CMYK	0.00, 0.02, 0.04, 0.37
HSL	20°, 3%, 62%
HSV	20°, 4%, 63%
XYZ	32.6614, 34.0472, 35.8508
YIQ	157.9680, 3.0260, 0.2260

Conversions

Conversions Part 2

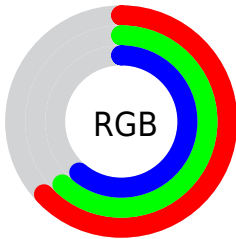
Format	Color
RYB	161, 158, 155
Decimal	10591643
CIELab	65.00, 1.08, 1.55
CIElCh	65, 1.888, 55.189
Yxy	34.0472, 0.3185, 0.3320
Android (android.graphics.Color)	4288781723 (0xFFA19D9B)
YUV	157.9680, -1.4632, 2.6591
Hunter-Lab	58.3500, -2.1969, 4.4166

Details

The CIELCh color **65, 1.888, 55.189** is a light color, and the websafe version is hex **999999**. A complement of this color would be **65, 1.862, 236.282**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 2.128, 66.750**, and **45, 2.034, 55.135** is the 20% darker color. If you saturate the color by 10%, you get **62, 7.206, 54.648**, and if you desaturate by 10%, it is **68, 3.084, 236.392**.

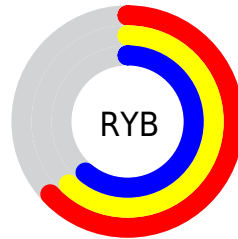
Distribution



Red (63%)

Green (62%)

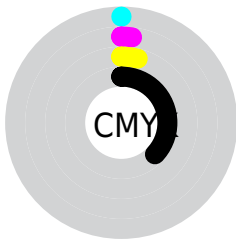
Blue (61%)



Red (63%)

Yellow (62%)

Blue (61%)

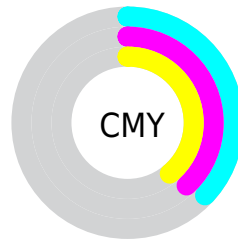


Cyan (0%)

Magenta (2%)

Yellow (4%)

Black (37%)



Cyan (37%)

Magenta (38%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 1.888, 55.189 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, 1.888, 55.189 by changing the saturation by 10% instead.

■ 65, 1.888, 55.189

■ 65, 1.888, 55.189

■ 100, 1.888, 55.189

■ 55, 1.888, 55.189

■ 85, 1.888, 55.189

■ 45, 1.888, 55.189

■ 95, 1.888, 55.189

■ 35, 1.888, 55.189

■ 25, 1.888, 55.189

■ 15, 1.888, 55.189

■ 5, 1.888, 55.189

■ 0, 1.888, 55.189

■ 65, 1.888, 55.189

■ 65, 1.888, 55.189

■ 62, 7.206, 54.648

■ 68, 3.084, 236.392

58, 12.909, 53.956

72, 7.748, 237.116

55, 19.029, 53.310

75, 12.140,
237.905

52, 25.590, 52.738

78, 16.294,
238.699

49, 32.589, 52.253

47, 39.973, 51.848

82, 20.238,
239.486

44, 47.588, 51.473

85, 23.998,
240.257

42, 55.071, 50.979

39, 61.666, 50.022

88, 24.520,
227.643

91, 25.828,
212.209

94, 28.649,
199.211

Harmonies

Complementary

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



65, 1.888, 55.189



65, 1.862, 236.282

Rectangle

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



65, 1.888, 55.189



65, 1.888, 105.189



65, 1.888, 235.189



65, 1.888, 285.189

Sweetspot

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



65, 1.888, 55.248



83, 0.617, 54.864



65, 3.218, 335.827



44, 0.350, 54.817



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



65, 1.888, 55.248



82, 2.510, 55.240



66, 2.781, 101.894



34, 1.454, 55.221



34, 60.630, 49.836



2, 4.478, 51.847

Inverse Universe

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



65, 1.862, 236.282



83, 2.470, 236.293



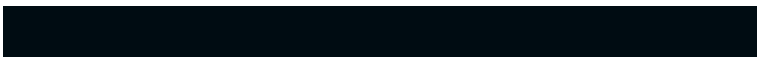
64, 2.809, 282.782



34, 1.426, 236.317



39, 33.734, 261.076



3, 4.523, 242.869

Previews

White Background



This preview shows how the CIELCh color 65, 1.888, 55.189 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 CIE LCh color 65, 1.888, 55.189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

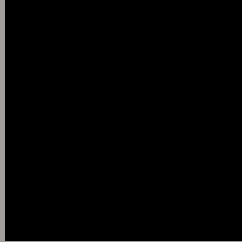
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

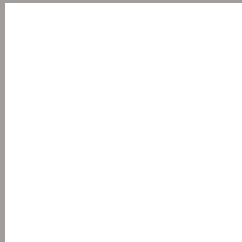
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 1.888, 55.189

Background



This preview shows how black text looks on a background with the CIELCh color 65, 1.888, 55.189.



This preview shows how white text looks on a background with the CIELCh color 65, 1.888, 55.189.

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, 1.888, 55.189

Protanopia

65, 1.888, 55.189

Deuteranopia

65, 7.974, 8.120



Tritanopia
65, 7.360, 314.940

Trichromacy



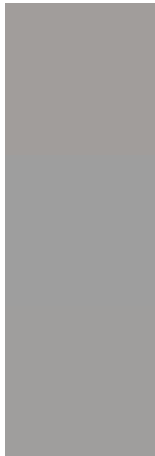
Original Color
65, 1.888, 55.189

Protanomaly
65, 1.888, 55.189

Deuteranomaly
65, 5.934, 9.149

Tritanomaly
65, 4.536, 320.644

Monochromacy



Original Color
65, 1.888, 55.189

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 0.664, 74.805

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 1.888, 55.189 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(161, 157, 155)` looks like.

```
.text, #text, p{  
    color:rgb(161, 157, 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(161, 157, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 157, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 1.888, 55.189 is called "border". The border property can be set on classes, ids or directly on the HTML element.

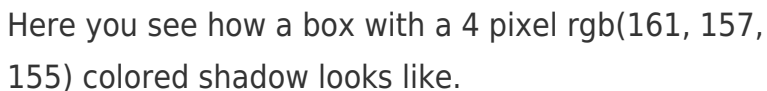
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(161, 157, 155) }
```

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

```
.border{ border-color:rgb(161, 157, 155) }
```

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



Here you see how a box with a 4 pixel `rgb(161, 157, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(161, 157, 155); -webkit-box-shadow:4px 4px 4px 4px rgb(161, 157, 155); box-shadow:4px 4px 4px 4px rgb(161, 157, 155) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 1.888, 55.189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 157, 155) }
```

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

```
.background{ background-color: rgb(161,  
157, 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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