

Converting Colors

CIELCh(65, 19.203, 95.651)

Have a look what the booklet for
CIELCh(65, 19.203, 95.651) contains.

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Color

CIELCh(65, 19.208, 95.649)

Conversions

Conversions Part 1

Format	Color
Hex	A89E7C
RGB	168, 158, 124
RGB Percent	66%, 62%, 49%
CMY	0.3427, 0.3819, 0.5152
CMYK	0.00, 0.06, 0.26, 0.34
HSL	46°, 20%, 57%
HSV	46°, 26%, 66%
XYZ	31.8379, 34.0472, 23.8379
YIQ	157.1140, 16.8740, -8.4540

Conversions

Conversions Part 2

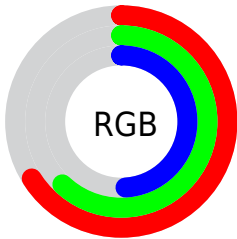
Format	Color
RYB	137, 168, 124
Decimal	11050620
CIELab	65.00, -1.89, 19.11
CIElCh	65, 19.208, 95.649
Yxy	34.0472, 0.3548, 0.3795
Android (android.graphics.Color)	4289240700 (0xFFA89E7C)
YUV	157.1140, -16.3252, 9.5470
Hunter-Lab	58.3500, -4.7161, 16.6230

Details

The CIELCh color **65, 19.208, 95.649** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **56, 19.660, 282.325**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 19.281, 95.777**, and **45, 19.225, 96.528** is the 20% darker color. If you saturate the color by 10%, you get **64, 26.593, 94.430**, and if you desaturate by 10%, it is **66, 11.838, 96.847**.

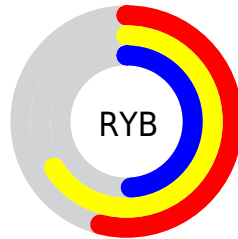
Distribution



Red (66%)

Green (62%)

Blue (49%)



Red (54%)

Yellow (66%)

Blue (49%)

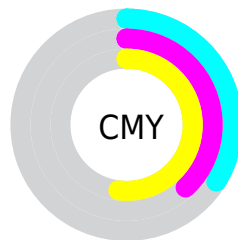


Cyan (0%)

Magenta (6%)

Yellow (26%)

Black (34%)



Cyan (34%)

Magenta (38%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 19.208, 95.649 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, 19.208, 95.649 by changing the saturation by 10% instead.

■ 65, 19.208, 95.649

■ 65, 19.208, 95.649

■ 100, 19.208,
95.649

■ 55, 19.208, 95.649

■ 85, 19.208, 95.649

■ 45, 19.208, 95.649

■ 95, 19.208, 95.649

■ 35, 19.208, 95.649

■ 25, 19.208, 95.649

■ 15, 19.208, 95.649

■ 5, 19.208, 95.649

■ 0, 19.208, 95.649

■ 65, 19.208, 95.649

■ 65, 19.208, 95.649

■ 64, 26.593, 94.430

■ 66, 11.838, 96.847

62, 33.914, 93.180

68, 4.520, 97.988

61, 41.036, 91.906

69, 2.724, 279.200

60, 47.729, 90.605

71, 9.884, 280.237

59, 53.617, 89.260

72, 16.957,
281.262

58, 58.172, 87.825

74, 23.945,
282.243

57, 60.896, 86.233

56, 61.750, 85.628

75, 30.850,
283.175

77, 36.261,
283.495

78, 34.340,
280.701

Harmonies

Complementary

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



65, 19.208, 95.649



56, 19.660, 282.325

Rectangle

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



65, 19.208, 95.649



65, 19.208, 145.649



65, 19.208, 275.649



65, 19.208, 325.649

Sweetspot

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



65, 19.209, 95.655



85, 7.156, 97.778



56, 18.713, 3.520



45, 5.131, 97.613



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, 19.209, 95.655



81, 28.021, 95.007



67, 24.465, 118.965



35, 4.123, 97.649



50, 56.381, 85.833



5, 7.000, 94.204

Inverse Universe

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



56, 19.660, 282.325



68, 28.847, 283.243



54, 25.796, 302.366



33, 4.162, 279.860



21, 74.379, 300.987



1, 7.780, 280.675

Previews

White Background



This preview shows how the CIELCh color 65, 19.208, 95.649 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, 19.208, 95.649 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

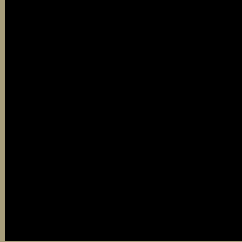
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

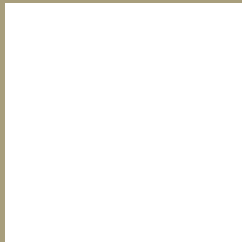
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 19.208, 95.649

Background



This preview shows how black text looks on a background with the CIELCh color 65, 19.208, 95.649.



This preview shows how white text looks on a background with the CIELCh color 65, 19.208, 95.649.

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, 19.208, 95.649

Protanopia

65, 18.794, 94.107

Deuteranopia

65, 20.199, 65.163



Tritanopia
65, 10.464, 340.903

Trichromacy



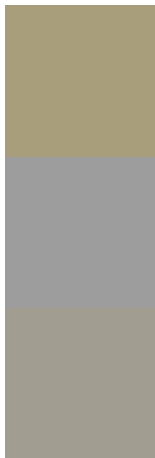
Original Color
65, 19.208, 95.649

Protanomaly
65, 18.794, 94.107

Deuteranomaly
65, 19.299, 75.469

Tritanomaly
65, 7.271, 42.235

Monochromacy



Original Color
65, 19.208, 95.649

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 6.822, 96.062

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 19.208, 95.649 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, 158, 124)` looks like.

```
.text, #text, p{  
    color:rgb(168, 158, 124)  
}
```

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, 158, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 158, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 19.208, 95.649 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, 158, 124) }
```

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

```
.border{ border-color:rgb(168, 158, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 158, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 158, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 158, 124);  
box-shadow:4px 4px 4px 4px rgb(168, 158,  
124) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 19.208, 95.649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 158, 124) }
```

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

```
.background{ background-color: rgb(168,  
158, 124) }
```

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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