

Converting Colors

CIELCh(65, 14.677, 88.066)

Have a look what the booklet for
CIELCh(65, 14.677, 88.066) contains.

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Color

CIELCh(65, 14.677, 89.108)

Conversions

Conversions Part 1

Format	Color
Hex	A99D84
RGB	169, 157, 132
RGB Percent	66%, 62%, 52%
CMY	0.3387, 0.3857, 0.4837
CMYK	0.00, 0.07, 0.22, 0.34
HSL	41°, 18%, 59%
HSV	41°, 22%, 66%
XYZ	32.4244, 34.0472, 26.5700
YIQ	157.7380, 15.1770, -5.2310

Conversions

Conversions Part 2

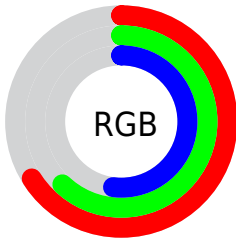
Format	Color
RYB	150, 169, 132
Decimal	11115908
CIELab	65.00, 0.23, 14.68
CIElCh	65, 14.677, 89.108
Yxy	34.0472, 0.3485, 0.3659
Android (android.graphics.Color)	4289305988 (0xFFA99D84)
YUV	157.7380, -12.6888, 9.8768
Hunter-Lab	58.3500, -2.9220, 13.8469

Details

The CIELCh color $65, 14.677, 89.108$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $59, 14.643, 274.953$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 14.632, 87.491$, and $45, 15.074, 88.995$ is the 20% darker color. If you saturate the color by 10%, you get $63, 21.569, 87.814$, and if you desaturate by 10%, it is $67, 7.903, 90.370$.

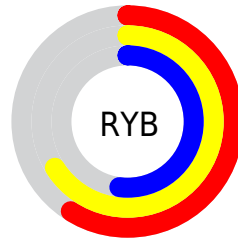
Distribution



Red (66%)

Green (62%)

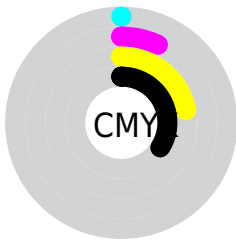
Blue (52%)



Red (59%)

Yellow (66%)

Blue (52%)

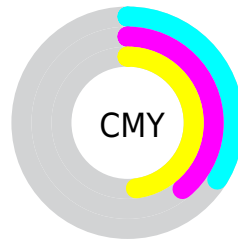


Cyan (0%)

Magenta (7%)

Yellow (22%)

Black (34%)



Cyan (34%)

Magenta (39%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 14.677, 89.108 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, 14.677, 89.108 by changing the saturation by 10% instead.

■ 65, 14.677, 89.108

■ 65, 14.677, 89.108

■ 100, 14.677,
89.108

■ 55, 14.677, 89.108

■ 85, 14.677, 89.108

■ 45, 14.677, 89.108

■ 95, 14.677, 89.108

■ 35, 14.677, 89.108

■ 25, 14.677, 89.108

■ 15, 14.677, 89.108

■ 5, 14.677, 89.108

■ 0, 14.677, 89.108

■ 65, 14.677, 89.108

■ 65, 14.677, 89.108

■ 63, 21.569, 87.814

■ 67, 7.903, 90.370

61, 28.541, 86.473

69, 1.259, 91.455

60, 35.516, 85.091

71, 5.253, 272.836

58, 42.345, 83.655

73, 11.638,
273.942

56, 48.758, 82.133

75, 17.904,
275.013

55, 54.299, 80.452

53, 58.331, 78.482

77, 24.059,
276.035

52, 60.604, 76.712

79, 30.111,
277.007

80, 30.298,
273.857

82, 28.051,
268.176

Harmonies

Complementary

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



65, 14.677, 89.108



59, 14.643, 274.953

Rectangle

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



65, 14.677, 89.108



65, 14.677, 139.108



65, 14.677, 269.108



65, 14.677, 319.108

Sweetspot

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



65, 14.678, 89.116



86, 5.711, 90.945



59, 16.222, 355.876



45, 3.708, 90.881



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, 14.678, 89.116



82, 21.642, 88.530



68, 20.331, 115.141



35, 3.732, 90.691



46, 55.052, 77.035



4, 6.272, 85.352

Inverse Universe

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



59, 14.643, 274.953



73, 21.578, 275.730



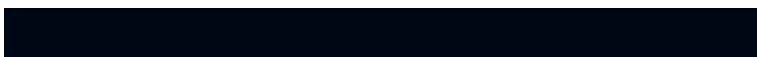
57, 21.324, 298.503



33, 3.735, 273.067



24, 64.907, 296.459



2, 7.108, 275.230

Previews

White Background



This preview shows how the CIELCh color 65, 14.677, 89.108 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, 14.677, 89.108 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

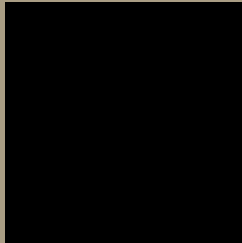
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

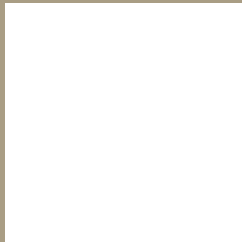
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 14.677, 89.108

Background



This preview shows how black text looks on a background with the CIELCh color 65, 14.677, 89.108.



This preview shows how white text looks on a background with the CIELCh color 65, 14.677, 89.108.

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, 14.677, 89.108

Protanopia

65, 14.304, 93.781

Deuteranopia

65, 16.385, 59.820



Tritanopia
65, 10.464, 340.903

Trichromacy



Original Color
65, 14.677, 89.108

Protanomaly
65, 14.417, 92.199

Deuteranomaly
65, 15.069, 69.955

Tritanomaly
65, 6.765, 29.340

Monochromacy



Original Color
65, 14.677, 89.108

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 5.214, 92.119

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 14.677, 89.108 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(169, 157, 132)` looks like.

```
.text, #text, p{  
    color:rgb(169, 157, 132)  
}
```

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(169, 157, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 157, 132) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 14.677, 89.108 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(169, 157, 132) }
```

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

```
.border{ border-color:rgb(169, 157, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 157, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 157, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 157, 132);  
box-shadow:4px 4px 4px 4px rgb(169, 157,  
132) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 14.677, 89.108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 157, 132) }
```

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

```
.background{ background-color: rgb(169,  
157, 132) }
```

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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