

Converting Colors

CIELCh(65, 16.844, 92.868)

Have a look what the booklet for
CIELCh(65, 16.844, 92.868) contains.

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Color

CIELCh(65, 16.661, 92.627)

Conversions

Conversions Part 1

Format	Color
Hex	A89D80
RGB	168, 157, 128
RGB Percent	66%, 62%, 50%
CMY	0.3408, 0.3839, 0.4976
CMYK	0.00, 0.07, 0.24, 0.34
HSL	44°, 19%, 58%
HSV	44°, 24%, 66%
XYZ	32.1489, 34.0472, 25.3343
YIQ	156.9830, 15.8650, -6.6870

Conversions

Conversions Part 2

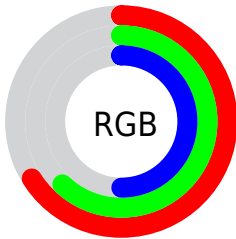
Format	Color
RYB	143, 168, 128
Decimal	11050368
CIELab	65.00, -0.76, 16.64
CIElCh	65, 16.661, 92.627
Yxy	34.0472, 0.3512, 0.3720
Android (android.graphics.Color)	4289240448 (0xFFA89D80)
YUV	156.9830, -14.2886, 9.6619
Hunter-Lab	58.3500, -3.7647, 15.1025

Details

The CIELCh color $65, 16.661, 92.627$ is a light color, and the websafe version is hex 999966 . A complement of this color would be $58, 16.831, 278.829$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 16.485, 91.122$, and $45, 16.625, 92.086$ is the 20% darker color. If you saturate the color by 10%, you get $63, 23.799, 91.365$, and if you desaturate by 10%, it is $67, 9.592, 93.861$.

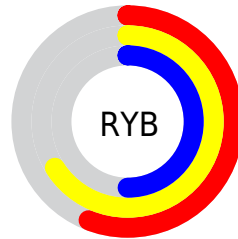
Distribution



Red (66%)

Green (62%)

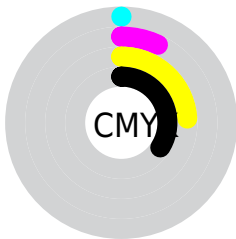
Blue (50%)



Red (56%)

Yellow (66%)

Blue (50%)

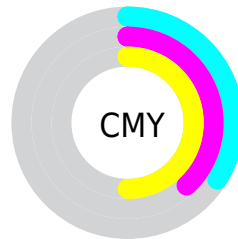


Cyan (0%)

Magenta (7%)

Yellow (24%)

Black (34%)



Cyan (34%)

Magenta (38%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 16.661, 92.627 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, 16.661, 92.627 by changing the saturation by 10% instead.

■ 65, 16.661, 92.627

■ 65, 16.661, 92.627

■ 100, 16.661,
92.627

■ 55, 16.661, 92.627

■ 85, 16.661, 92.627

■ 45, 16.661, 92.627

■ 95, 16.661, 92.627

■ 35, 16.661, 92.627

■ 25, 16.661, 92.627

■ 15, 16.661, 92.627

■ 5, 16.661, 92.627

■ 0, 16.661, 92.627

■ 65, 16.661, 92.627

■ 65, 16.661, 92.627

■ 63, 23.799, 91.365

■ 67, 9.592, 93.861

62, 30.949, 90.061

68, 2.615, 95.007

60, 38.008, 88.723

70, 4.259, 276.268

59, 44.791, 87.341

72, 11.027,
277.345

58, 50.976, 85.888

73, 17.693,
278.393

56, 56.067, 84.307

55, 59.443, 82.492

75, 24.261,
279.394

54, 60.968, 81.298

77, 30.736,
280.345

79, 33.233,
279.190

80, 31.084,
275.170

Harmonies

Complementary

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



65, 16.661, 92.627



58, 16.831, 278.829

Rectangle

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



65, 16.661, 92.627



65, 16.661, 142.627



65, 16.661, 272.627



65, 16.661, 322.627

Sweetspot

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



65, 16.662, 92.634



86, 6.007, 94.646



58, 17.233, 359.579



45, 3.899, 94.582



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, 16.662, 92.634



82, 25.296, 91.911



67, 22.112, 117.079



35, 3.923, 94.397



48, 55.533, 81.561



4, 6.613, 89.979

Inverse Universe

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



58, 16.831, 278.829



71, 25.629, 279.818



56, 23.248, 300.427



33, 3.945, 276.694



23, 69.839, 298.960



2, 7.441, 278.116

Previews

White Background



This preview shows how the CIELCh color 65, 16.661, 92.627 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, 16.661, 92.627 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

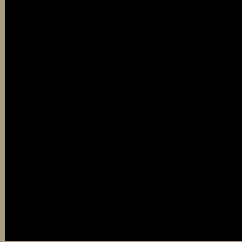
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 16.661, 92.627

Background



This preview shows how black text looks on a background with the CIELCh color 65, 16.661, 92.627.



This preview shows how white text looks on a background with the CIELCh color 65, 16.661, 92.627.

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, 16.661, 92.627

Protanopia

65, 16.550, 94.012

Deuteranopia

65, 18.300, 63.824



Tritanopia
65, 10.464, 340.903

Trichromacy



Original Color
65, 16.661, 92.627

Protanomaly
65, 16.550, 94.012

Deuteranomaly
65, 17.148, 73.102

Tritanomaly
65, 6.893, 33.843

Monochromacy



Original Color
65, 16.661, 92.627

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 6.283, 94.983

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 16.661, 92.627 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, 157, 128)` looks like.

```
.text, #text, p{  
    color:rgb(168, 157, 128)  
}
```

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, 157, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 157, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 16.661, 92.627 is called "border". The border property can be set on classes, ids or directly on the HTML element.

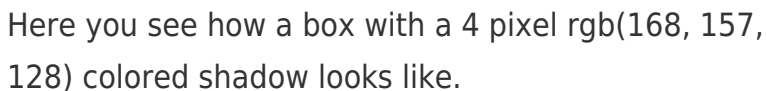
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(168, 157, 128) }
```

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

```
.border{ border-color:rgb(168, 157, 128) }
```

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



Here you see how a box with a 4 pixel `rgb(168, 157, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(168, 157, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(168, 157, 128); box-shadow:4px 4px 4px 4px rgb(168, 157, 128) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 16.661, 92.627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 157, 128) }
```

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

```
.background{ background-color: rgb(168,  
157, 128) }
```

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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