

Converting Colors

CIELCh(65, 8.226, 80.375)

Have a look what the booklet for
CIELCh(65, 8.226, 80.375) contains.

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Color

CIELCh(65, 8.226, 80.375)

Conversions

Conversions Part 1

Format	Color
Hex	A69C8F
RGB	166, 156, 143
RGB Percent	65%, 61%, 56%
CMY	0.3475, 0.3867, 0.4377
CMYK	0.00, 0.06, 0.14, 0.35
HSL	34°, 11%, 61%
HSV	34°, 14%, 65%
XYZ	32.7448, 34.0472, 30.9808
YIQ	157.5080, 10.1330, -1.9230

Conversions

Conversions Part 2

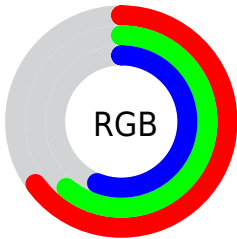
Format	Color
R_{YB}	161, 166, 143
Decimal	10919055
CIE Lab	65.00, 1.38, 8.11
CIE LCh	65, 8.226, 80.375
Yxy	34.0472, 0.3349, 0.3482
Android (android.graphics.Color)	4289109135 (0xFFA69C8F)
YUV	157.5080, -7.1524, 7.4475
Hunter-Lab	58.3500, -1.9420, 9.3650

Details

The CIELCh color $65, 8.226, 80.375$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $63, 8.062, 264.060$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 7.948, 78.383$, and $45, 8.137, 80.478$ is the 20% darker color. If you saturate the color by 10%, you get $63, 14.432, 79.114$, and if you desaturate by 10%, it is $67, 2.234, 81.554$.

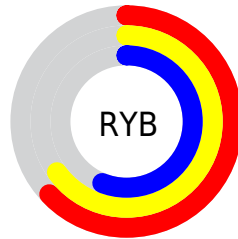
Distribution



Red (65%)

Green (61%)

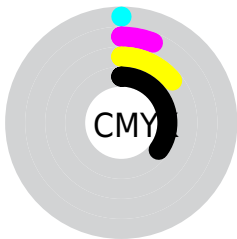
Blue (56%)



Red (63%)

Yellow (65%)

Blue (56%)

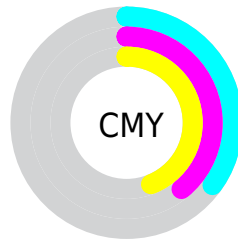


Cyan (0%)

Magenta (6%)

Yellow (14%)

Black (35%)



Cyan (35%)

Magenta (39%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 8.226, 80.375 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, 8.226, 80.375 by changing the saturation by 10% instead.

■ 65, 8.226, 80.375

■ 65, 8.226, 80.375

■ 100, 8.226, 80.375

■ 55, 8.226, 80.375

■ 85, 8.226, 80.375

■ 45, 8.226, 80.375

■ 95, 8.226, 80.375

■ 35, 8.226, 80.375

■ 25, 8.226, 80.375

■ 15, 8.226, 80.375

■ 5, 8.226, 80.375

■ 0, 8.226, 80.375

■ 65, 8.226, 80.375

■ 65, 8.226, 80.375

■ 63, 14.432, 79.114

■ 67, 2.234, 81.554

60, 20.853, 77.801

70, 3.558, 262.971

58, 27.476, 76.455

72, 9.168, 264.096

56, 34.250, 75.074

75, 14.612,
265.212

54, 41.055, 73.633

77, 19.907,
266.285

52, 47.646, 72.075

50, 53.570, 70.277

80, 25.070,
267.311

48, 58.126, 68.010

82, 27.872,
265.642

47, 60.526, 66.534

84, 25.574,
256.571

86, 24.003,
246.151

Harmonies

Complementary

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



65, 8.226, 80.375



63, 8.062, 264.060

Rectangle

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



65, 8.226, 80.375



65, 8.226, 130.375



65, 8.226, 260.375



65, 8.226, 310.375

Sweetspot

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



65, 8.227, 80.389



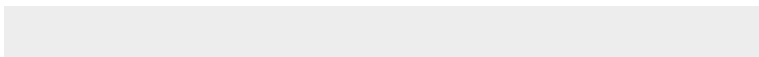
85, 2.896, 81.531



62, 10.676, 347.617



45, 2.078, 81.458



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, 8.227, 80.389



82, 12.620, 79.950



68, 12.618, 110.941



34, 3.370, 80.946



42, 55.457, 66.909



4, 5.719, 74.244

Inverse Universe

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



63, 8.062, 264.060



79, 12.291, 264.595



60, 13.015, 293.474



34, 3.330, 263.415



29, 53.637, 289.053



2, 6.438, 267.731

Previews

White Background



This preview shows how the CIELCh color 65, 8.226, 80.375 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, 8.226, 80.375 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

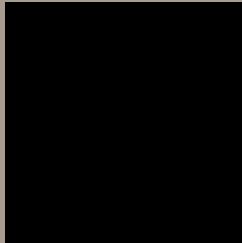
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 8.226, 80.375

Background



This preview shows how black text looks on a background with the CIELCh color 65, 8.226, 80.375.

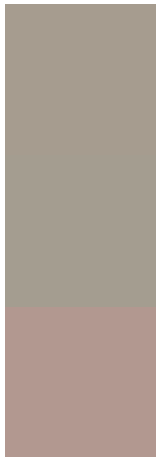


This preview shows how white text looks on a background with the CIELCh color 65, 8.226, 80.375.

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, 8.226, 80.375

Protanopia

65, 7.705, 88.240

Deuteranopia

65, 11.397, 43.003



Tritanopia
65, 9.066, 332.913

Trichromacy



Original Color
65, 8.226, 80.375

Protanomaly
65, 7.858, 85.514

Deuteranomaly
65, 9.768, 54.339

Tritanomaly
65, 5.678, 2.856

Monochromacy



Original Color
65, 8.226, 80.375

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 2.689, 74.715

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 8.226, 80.375 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(166, 156, 143)` looks like.

```
.text, #text, p{  
    color:rgb(166, 156, 143)  
}
```

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(166, 156, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 156, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 8.226, 80.375 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(166, 156, 143) }
```

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

```
.border{ border-color:rgb(166, 156, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 156, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 156, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 156, 143);  
box-shadow:4px 4px 4px 4px rgb(166, 156,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 8.226, 80.375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 156, 143) }
```

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

```
.background{ background-color: rgb(166,  
156, 143) }
```

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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