

Converting Colors

CIELCh(65, 2.787, 53.563)

Have a look what the booklet for
CIELCh(65, 2.787, 53.563) contains.

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Color

CIELCh(65, 2.844, 55.122)

Conversions

Conversions Part 1

Format	Color
Hex	A39D9A
RGB	163, 157, 154
RGB Percent	64%, 62%, 60%
CMY	0.3623, 0.3858, 0.3976
CMYK	0.00, 0.04, 0.06, 0.36
HSL	20°, 5%, 62%
HSV	20°, 6%, 64%
XYZ	32.8151, 34.0472, 35.2445
YIQ	158.4520, 4.5390, 0.3390

Conversions

Conversions Part 2

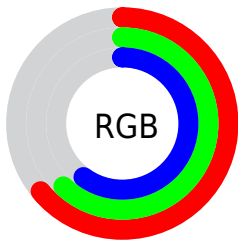
Format	Color
R _Y B	163, 159, 154
Decimal	10722714
CIE Lab	65.00, 1.63, 2.33
CIE LCh	65, 2.844, 55.122
Yxy	34.0472, 0.3214, 0.3334
Android (android.graphics.Color)	4288912794 (0xFFA39D9A)
YUV	158.4520, -2.1948, 3.9886
Hunter-Lab	58.3500, -1.7267, 5.0327

Details

The CIELCh color $65, 2.844, 55.122$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $65, 2.776, 236.348$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 3.017, 63.274$, and $45, 2.735, 60.100$ is the 20% darker color. If you saturate the color by 10%, you get $62, 8.274, 54.503$, and if you desaturate by 10%, it is $68, 2.229, 236.282$.

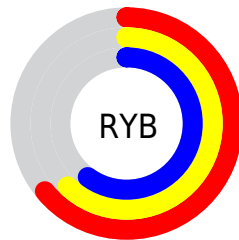
Distribution



Red (64%)

Green (62%)

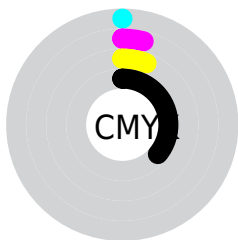
Blue (60%)



Red (64%)

Yellow (62%)

Blue (60%)

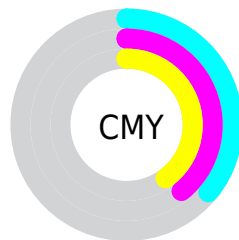


Cyan (0%)

Magenta (4%)

Yellow (6%)

Black (36%)



Cyan (36%)

Magenta (39%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 2.844, 55.122 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, 2.844, 55.122 by changing the saturation by 10% instead.

 65, 2.844, 55.122  65, 2.844, 55.122

 100, 2.844, 55.122  55, 2.844, 55.122

 85, 2.844, 55.122  45, 2.844, 55.122

 95, 2.844, 55.122  35, 2.844, 55.122

 25, 2.844, 55.122

 15, 2.844, 55.122

 5, 2.844, 55.122

 0, 2.844, 55.122

 65, 2.844, 55.122  65, 2.844, 55.122

 62, 8.274, 54.503  68, 2.229, 236.282

58, 14.098, 53.817

72, 6.985, 236.958

55, 20.349, 53.183

75, 11.459,
237.743

52, 27.047, 52.627

79, 15.687,
238.538

49, 34.181, 52.158

46, 41.686, 51.765

82, 19.699,
239.327

44, 49.377, 51.385

85, 23.521,
240.101

42, 56.828, 50.839

39, 63.236, 49.779

88, 24.156,
227.547

91, 25.516,
211.767

94, 28.429,
198.576

Harmonies

Complementary

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



65, 2.844, 55.122



65, 2.776, 236.348

Rectangle

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



65, 2.844, 55.122



65, 2.844, 105.122



65, 2.844, 235.122



65, 2.844, 285.122

Sweetspot

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



65, 2.844, 55.162



84, 1.256, 55.176



64, 4.821, 335.982



45, 0.720, 55.161



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



65, 2.844, 55.162



82, 4.486, 55.072



66, 4.168, 101.713



33, 2.349, 55.055



34, 60.635, 49.828



2, 4.478, 51.830

Inverse Universe

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



65, 2.776, 236.348



82, 4.340, 236.459



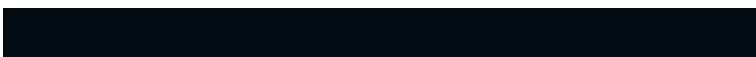
64, 4.211, 282.974



33, 2.269, 236.480



39, 33.726, 261.050



3, 4.523, 242.850

Previews

White Background



This preview shows how the CIELCh color 65, 2.844, 55.122 looks on a white background.

Color Contrast Check

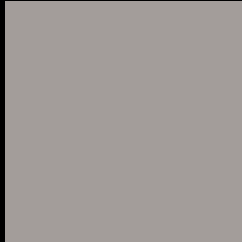
Large Text (above 18pt) WCAG AA × Fail

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, 2.844, 55.122 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

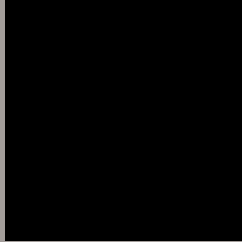
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

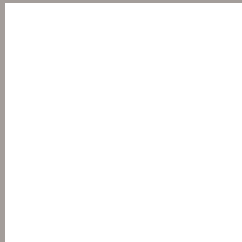
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 2.844, 55.122

Background



This preview shows how black text looks on a background with the CIELCh color 65, 2.844, 55.122.

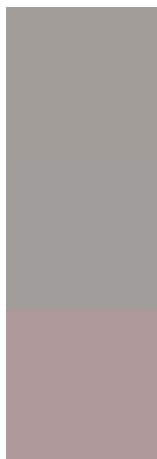


This preview shows how white text looks on a background with the CIELCh color 65, 2.844, 55.122.

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, 2.844, 55.122

Protanopia

65, 2.256, 66.690

Deuteranopia

65, 8.250, 16.300



Tritanopia
65, 7.703, 320.093

Trichromacy



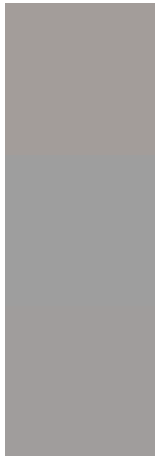
Original Color
65, 2.844, 55.122

Protanomaly
65, 2.537, 60.239

Deuteranomaly
65, 6.248, 19.917

Tritanomaly
65, 4.543, 332.586

Monochromacy



Original Color
65, 2.844, 55.122

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 1.271, 44.959

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 2.844, 55.122 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(163, 157, 154)` looks like.

```
.text, #text, p{  
    color:rgb(163, 157, 154)  
}
```

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(163, 157, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 157, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 2.844, 55.122 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(163, 157, 154) }
```

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

```
.border{ border-color:rgb(163, 157, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 157, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 157, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 157, 154);  
box-shadow:4px 4px 4px 4px rgb(163, 157,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 2.844, 55.122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 157, 154) }
```

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

```
.background{ background-color: rgb(163,  
157, 154) }
```

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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