

Converting Colors

CIELCh(65, 5.144, 115.384)

Have a look what the booklet for
CIELCh(65, 5.144, 115.384) contains.

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Color

CIELCh(65, 5.594, 117.582)

Conversions

Conversions Part 1

Format	Color
Hex	9D9F95
RGB	157, 159, 149
RGB Percent	62%, 62%, 58%
CMY	0.3850, 0.3772, 0.4164
CMYK	0.01, 0.00, 0.06, 0.38
HSL	72°, 5%, 60%
HSV	72°, 6%, 62%
XYZ	31.6459, 34.0472, 33.2616
YIQ	157.2620, 2.0180, -3.5340

Conversions

Conversions Part 2

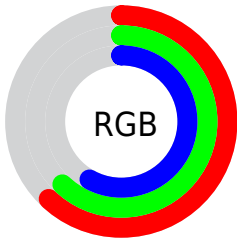
Format	Color
RYB	149, 159, 151
Decimal	10330005
CIELab	65.00, -2.59, 4.96
CIElCh	65, 5.594, 117.582
Yxy	34.0472, 0.3198, 0.3441
Android (android.graphics.Color)	4288520085 (0xFF9D9F95)
YUV	157.2620, -4.0732, -0.2298
Hunter-Lab	58.3500, -5.3035, 7.0475

Details

The CIELCh color $65, 5.594, 117.582$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $62, 5.680, 298.431$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 5.811, 116.937$, and $45, 5.999, 117.406$ is the 20% darker color. If you saturate the color by 10%, you get $64, 14.467, 116.919$, and if you desaturate by 10%, it is $66, 3.304, 298.240$.

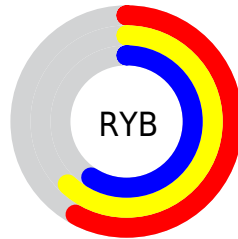
Distribution



Red (62%)

Green (62%)

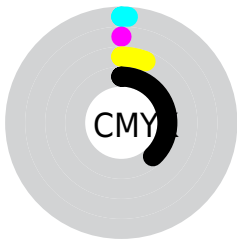
Blue (58%)



Red (58%)

Yellow (62%)

Blue (59%)

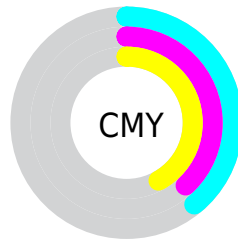


Cyan (1%)

Magenta (0%)

Yellow (6%)

Black (38%)



Cyan (39%)

Magenta (38%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 5.594, 117.582 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, 5.594, 117.582 by changing the saturation by 10% instead.

■ 65, 5.594, 117.582

■ 65, 5.594, 117.582

■ 100, 5.594,
117.582

■ 55, 5.594, 117.582

■ 85, 5.594, 117.582

■ 45, 5.594, 117.582

■ 95, 5.594, 117.582

■ 35, 5.594, 117.582

■ 25, 5.594, 117.582

■ 15, 5.594, 117.582

■ 5, 5.594, 117.582

■ 0, 5.594, 117.582

■ 65, 5.594, 117.582

■ 65, 5.594, 117.582

■ 64, 14.467,

■ 66, 3.304, 298.240

116.919

66, 12.195,
298.868

64, 23.254,
116.241

67, 21.049,
299.463

63, 31.878,
115.576

68, 29.846,
300.024

63, 40.219,
114.951

69, 38.571,
300.549

62, 48.097,
114.408

70, 47.213,
301.039

62, 55.251,
114.003

71, 53.111,
301.683

62, 61.329,
113.812

71, 53.209,
302.730

61, 65.936,
113.924

71, 53.321,
303.783

61, 68.855,
114.395

Harmonies

Complementary

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



65, 5.594, 117.582



62, 5.680, 298.431

Rectangle

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



65, 5.594, 117.582



65, 5.594, 167.582



65, 5.594, 297.582



65, 5.594, 347.582

Sweetspot

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



65, 5.596, 117.592



83, 2.195, 117.876



63, 3.309, 39.217



44, 1.258, 117.884



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



65, 5.596, 117.592



82, 8.806, 117.468



65, 6.197, 135.499



33, 5.006, 117.395



55, 64.525, 114.496



4, 6.601, 119.247

Inverse Universe

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



62, 5.680, 298.431



78, 8.966, 298.565



62, 6.239, 315.965



31, 5.107, 298.646



17, 85.408, 307.404



0, 6.572, 297.605

Previews

White Background



This preview shows how the CIE LCh color 65, 5.594, 117.582 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, 5.594, 117.582 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

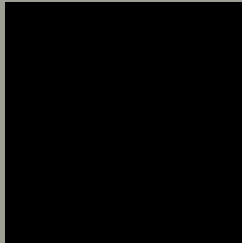
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

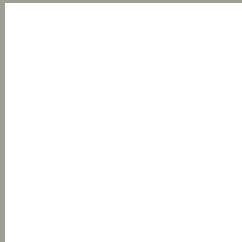
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 5.594, 117.582

Background



This preview shows how black text looks on a background with the CIELCh color 65, 5.594, 117.582.



This preview shows how white text looks on a background with the CIELCh color 65, 5.594, 117.582.

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, 5.594, 117.582

Protanopia

65, 5.500, 84.234

Deuteranopia

65, 9.579, 26.849



Tritanopia
65, 6.865, 303.429

Trichromacy



Original Color
65, 5.594, 117.582

Protanomaly
65, 5.648, 97.551

Deuteranomaly
65, 6.305, 40.375

Tritanomaly
65, 2.365, 309.132

Monochromacy



Original Color
65, 5.594, 117.582

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 2.249, 119.769

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 5.594, 117.582 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(157, 159, 149)` looks like.

```
.text, #text, p{  
    color:rgb(157, 159, 149)  
}
```

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(157, 159, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 159, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 5.594, 117.582 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(157, 159, 149) }
```

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

```
.border{ border-color:rgb(157, 159, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 159, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 159, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 159, 149);  
box-shadow:4px 4px 4px 4px rgb(157, 159,  
149) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 5.594, 117.582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 159, 149) }
```

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

```
.background{ background-color: rgb(157,  
159, 149) }
```

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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