

Converting Colors

CIELCh(65, 6.647, 112.357)

Have a look what the booklet for
CIELCh(65, 6.647, 112.357) contains.

CIELCh(65, 6.651, 112.838)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(65, 6.651, 112.838)

Conversions

Conversions Part 1

Format	Color
Hex	9E9F93
RGB	158, 159, 147
RGB Percent	62%, 62%, 58%
CMY	0.3814, 0.3775, 0.4245
CMYK	0.01, 0.00, 0.08, 0.38
HSL	65°, 6%, 60%
HSV	65°, 8%, 62%
XYZ	31.6483, 34.0472, 32.4014
YIQ	157.3330, 3.2560, -3.9440

Conversions

Conversions Part 2

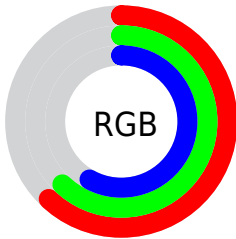
Format	Color
R_{YB}	147, 159, 148
Decimal	10395539
CIE Lab	65.00, -2.58, 6.13
CIE LCh	65, 6.651, 112.838
Yxy	34.0472, 0.3226, 0.3471
Android (android.graphics.Color)	4288585619 (0xFF9E9F93)
YUV	157.3330, -5.0942, 0.5850
Hunter-Lab	58.3500, -5.2962, 7.9216

Details

The CIELCh color **65, 6.651, 112.838** is a light color, and the websafe version is hex **999999**. A complement of this color would be **61, 6.773, 294.114**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 6.816, 112.689**, and **45, 7.130, 112.580** is the 20% darker color. If you saturate the color by 10%, you get **65, 15.423, 112.026**, and if you desaturate by 10%, it is **66, 2.162, 293.674**.

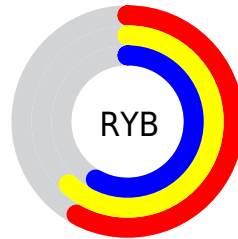
Distribution



Red (62%)

Green (62%)

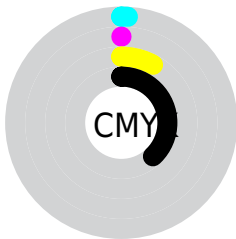
Blue (58%)



Red (58%)

Yellow (62%)

Blue (58%)

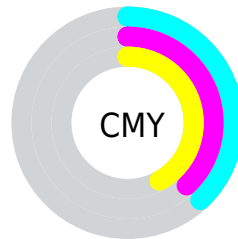


Cyan (1%)

Magenta (0%)

Yellow (8%)

Black (38%)



Cyan (38%)

Magenta (38%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 6.651, 112.838 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, 6.651, 112.838 by changing the saturation by 10% instead.

■ 65, 6.651, 112.838

■ 65, 6.651, 112.838

■ 100, 6.651,
112.838

■ 55, 6.651, 112.838

■ 85, 6.651, 112.838

■ 45, 6.651, 112.838

■ 95, 6.651, 112.838

■ 35, 6.651, 112.838

■ 25, 6.651, 112.838

■ 15, 6.651, 112.838

■ 5, 6.651, 112.838

■ 0, 6.651, 112.838

■ 65, 6.651, 112.838

■ 65, 6.651, 112.838

■ 65, 15.423,

■ 66, 2.162, 293.674

112.026

66, 10.983,
294.448

64, 24.094,
111.199

67, 19.783,
295.200

64, 32.581,
110.389

67, 28.545,
295.918

63, 40.758,
109.619

68, 37.252,
296.599

63, 48.431,
108.925

69, 45.893,
297.241

63, 55.321,
108.352

70, 52.924,
297.814

63, 61.061,
107.955

70, 52.940,
298.236

62, 65.252,
107.795

70, 52.958,
298.660

62, 67.788,
107.889

Harmonies

Complementary

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



65, 6.651, 112.838



61, 6.773, 294.114

Rectangle

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



65, 6.651, 112.838



65, 6.651, 162.838



65, 6.651, 292.838



65, 6.651, 342.838

Sweetspot

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



65, 6.653, 112.848



83, 2.176, 113.286



62, 4.350, 27.081



44, 1.246, 113.294



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, 6.653, 112.848



82, 9.814, 112.716



65, 7.212, 131.632



33, 4.960, 112.710



56, 63.240, 107.876



4, 6.526, 114.165

Inverse Universe

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



61, 6.773, 294.114



77, 10.023, 294.261



62, 7.282, 312.218



31, 5.065, 294.267



16, 86.421, 306.627



0, 6.520, 293.295

Previews

White Background



This preview shows how the CIELCh color 65, 6.651, 112.838 looks on a white background.

Color Contrast Check

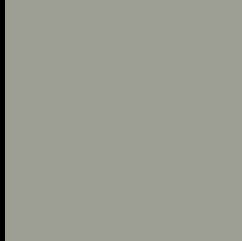
Large Text (above 18pt) WCAG AA × Fail

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, 6.651, 112.838 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

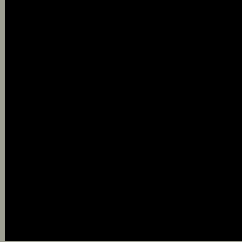
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

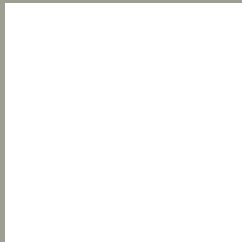
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 6.651, 112.838

Background



This preview shows how black text looks on a background with the CIELCh color 65, 6.651, 112.838.



This preview shows how white text looks on a background with the CIELCh color 65, 6.651, 112.838.

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, 6.651, 112.838

Protanopia
65, 6.524, 88.212

Deuteranopia
65, 9.819, 33.202



Tritanopia
65, 6.960, 306.436

Trichromacy



Original Color
65, 6.651, 112.838

Protanomaly
65, 6.736, 99.351

Deuteranomaly
65, 6.800, 49.016

Tritanomaly
65, 2.038, 324.435

Monochromacy



Original Color
65, 6.651, 112.838

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 2.797, 117.790

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 6.651, 112.838 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(158, 159, 147)` looks like.

```
.text, #text, p{  
    color:rgb(158, 159, 147)  
}
```

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(158, 159, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 159, 147) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 6.651, 112.838 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(158, 159, 147) }
```

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

```
.border{ border-color:rgb(158, 159, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 159, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 159, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 159, 147);  
box-shadow:4px 4px 4px 4px rgb(158, 159,  
147) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 6.651, 112.838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 159, 147) }
```

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

```
.background{ background-color: rgb(158,  
159, 147) }
```

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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