

Converting Colors

CIELCh(65, 7.835, 117.981)

Have a look what the booklet for
CIELCh(65, 7.835, 117.981) contains.

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Color

CIELCh(65, 7.844, 117.978)

Conversions

Conversions Part 1

Format	Color
Hex	9C9F91
RGB	156, 159, 145
RGB Percent	61%, 62%, 57%
CMY	0.3871, 0.3753, 0.4302
CMYK	0.02, 0.00, 0.09, 0.38
HSL	73°, 7%, 60%
HSV	73°, 9%, 62%
XYZ	31.3483, 34.0472, 31.8242
YIQ	156.5070, 2.7060, -4.9900

Conversions

Conversions Part 2

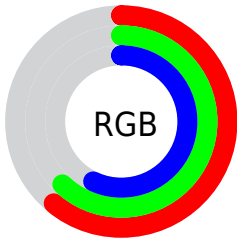
Format	Color
RYB	145, 159, 148
Decimal	10264465
CIELab	65.00, -3.68, 6.93
CIELCh	65, 7.844, 117.978
Yxy	34.0472, 0.3224, 0.3502
Android (android.graphics.Color)	4288454545 (0xFF9C9F91)
YUV	156.5070, -5.6730, -0.4446
Hunter-Lab	58.3500, -6.2139, 8.5081

Details

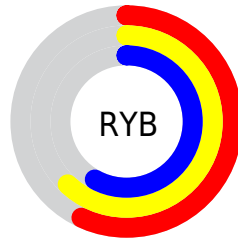
The CIELCh color $65, 7.844, 117.978$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $61, 7.995, 299.141$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 8.005, 120.128$, and $45, 7.825, 118.449$ is the 20% darker color. If you saturate the color by 10%, you get $64, 16.739, 117.326$, and if you desaturate by 10%, it is $66, 1.087, 298.612$.

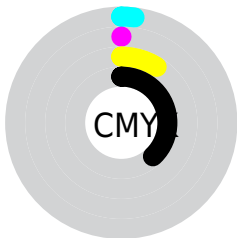
Distribution



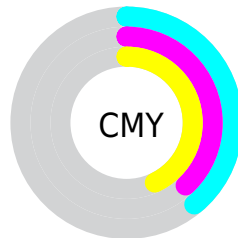
- Red (61%)
- Green (62%)
- Blue (57%)



- Red (57%)
- Yellow (62%)
- Blue (58%)



- Cyan (2%)
- Magenta (0%)
- Yellow (9%)
- Black (38%)



- Cyan (39%)
- Magenta (38%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 7.844, 117.978 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, 7.844, 117.978 by changing the saturation by 10% instead.

■ 65, 7.844, 117.978

■ 65, 7.844, 117.978

■ 100, 7.844,
117.978

■ 55, 7.844, 117.978

■ 85, 7.844, 117.978

■ 45, 7.844, 117.978

■ 95, 7.844, 117.978

■ 35, 7.844, 117.978

■ 25, 7.844, 117.978

■ 15, 7.844, 117.978

■ 5, 7.844, 117.978

■ 0, 7.844, 117.978

■ 65, 7.844, 117.978

■ 65, 7.844, 117.978

■ 64, 16.739,

■ 66, 1.087, 298.612

117.326

66, 10.016,
299.241

64, 25.533,
116.665

67, 18.913,
299.828

63, 34.139,
116.022

68, 27.755,
300.381

63, 42.424,
115.429

69, 36.525,
300.899

62, 50.190,
114.932

70, 45.212,
301.382

62, 57.152,
114.593

71, 52.852,
301.910

62, 62.940,
114.495

71, 52.962,
303.043

61, 67.167,
114.729

71, 53.090,
304.183

61, 69.860,
115.294

Harmonies

Complementary

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



65, 7.844, 117.978



61, 7.995, 299.141

Rectangle

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



65, 7.844, 117.978



65, 7.844, 167.978



65, 7.844, 297.978



65, 7.844, 347.978

Sweetspot

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



65, 7.846, 117.985



83, 3.303, 118.360



62, 4.679, 39.216



44, 2.525, 118.308



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, 7.846, 117.985



82, 12.125, 117.827



64, 8.687, 135.383



33, 5.014, 117.956



55, 64.740, 115.256



4, 6.613, 119.825

Inverse Universe

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



61, 7.995, 299.141



76, 12.412, 299.318



62, 8.754, 316.075



31, 5.114, 299.174



17, 85.246, 307.535



1, 6.581, 298.123

Previews

White Background



This preview shows how the CIE LCh color 65, 7.844, 117.978 looks on a white background.

Color Contrast Check

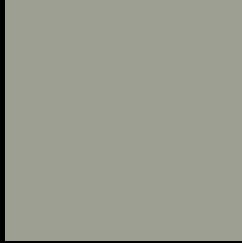
Large Text (above 18pt) WCAG AA × Fail

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, 7.844, 117.978 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

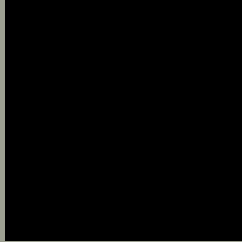
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

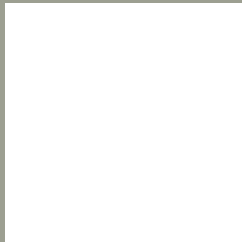
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 7.844, 117.978

Background



This preview shows how black text looks on a background with the CIELCh color 65, 7.844, 117.978.



This preview shows how white text looks on a background with the CIELCh color 65, 7.844, 117.978.

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, 7.844, 117.978

Protanopia

65, 7.705, 88.240

Deuteranopia

65, 10.378, 35.649



Tritanopia
65, 6.865, 303.429

Trichromacy



Original Color
65, 7.844, 117.978

Protanomaly
65, 7.829, 100.615

Deuteranomaly
65, 7.470, 61.467

Tritanomaly
65, 1.848, 314.666

Monochromacy



Original Color
65, 7.844, 117.978

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, 7.844, 117.978 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(156, 159, 145)` looks like.

```
.text, #text, p{  
    color:rgb(156, 159, 145)  
}
```

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(156, 159, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 159, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 7.844, 117.978 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(156, 159, 145) }
```

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

```
.border{ border-color:rgb(156, 159, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 159, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 159, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 159, 145);  
box-shadow:4px 4px 4px 4px rgb(156, 159,  
145) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 7.844, 117.978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 159, 145) }
```

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

```
.background{ background-color: rgb(156,  
159, 145) }
```

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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