

Converting Colors

CIELCh(65, 7.835, 192.336)

Have a look what the booklet for
CIELCh(65, 7.835, 192.336) contains.

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Color

CIELCh(65, 7.878, 190.625)

Conversions

Conversions Part 1

Format	Color
Hex	8DA2A0
RGB	141, 162, 160
RGB Percent	55%, 64%, 63%
CMY	0.4470, 0.3646, 0.3725
CMYK	0.13, 0.00, 0.01, 0.36
HSL	174°, 10%, 59%
HSV	174°, 13%, 64%
XYZ	30.2552, 34.0472, 38.2404
YIQ	155.4930, -11.8740, -5.0740

Conversions

Conversions Part 2

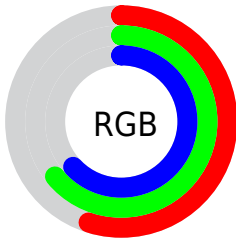
Format	Color
RYB	141, 152, 162
Decimal	9282208
CIELab	65.00, -7.74, -1.45
CIElCh	65, 7.878, 190.625
Yxy	34.0472, 0.2950, 0.3320
Android (android.graphics.Color)	4287472288 (0xFF8DA2A0)
YUV	155.4930, 2.2220, -12.7104
Hunter-Lab	58.3500, -9.5579, 1.9885

Details

The CIELCh color $65, 7.878, 190.625$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $61, 8.421, 12.562$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 7.848, 191.197$, and $45, 7.495, 193.983$ is the 20% darker color. If you saturate the color by 10%, you get $64, 13.629, 189.836$, and if you desaturate by 10%, it is $66, 1.833, 191.556$.

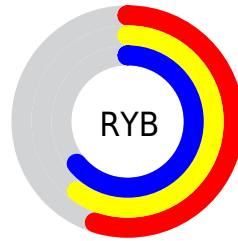
Distribution



Red (55%)

Green (64%)

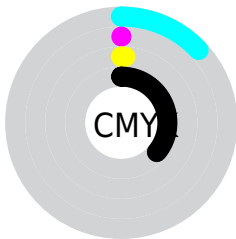
Blue (63%)



Red (55%)

Yellow (60%)

Blue (64%)

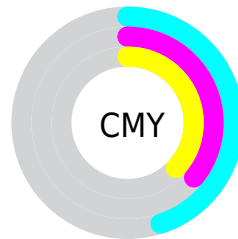


Cyan (13%)

Magenta (0%)

Yellow (1%)

Black (36%)



Cyan (45%)

Magenta (36%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 7.878, 190.625 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, 7.878, 190.625 by changing the saturation by 10% instead.

■ 65, 7.878, 190.625

■ 65, 7.878, 190.625

■ 100, 7.878,
190.625

■ 55, 7.878, 190.625

■ 85, 7.878, 190.625

■ 45, 7.878, 190.625

■ 95, 7.878, 190.625

■ 35, 7.878, 190.625

■ 25, 7.878, 190.625

■ 15, 7.878, 190.625

■ 5, 7.878, 190.625

■ 0, 7.878, 190.625

■ 65, 7.878, 190.625

■ 65, 7.878, 190.625

■ 64, 13.629,

■ 66, 1.833, 191.556

189.836

68, 4.422, 11.943

63, 18.986,
189.060

69, 10.811, 12.739

62, 23.852,
188.273

71, 17.271, 13.480

61, 28.129,
187.465

72, 23.754, 14.204

61, 31.738,
186.623

74, 30.221, 14.913

60, 34.623,
185.734

76, 36.644, 15.607

60, 36.769,
184.780

76, 36.850, 14.408

60, 38.210,
183.745

60, 38.965,
182.991

Harmonies

Complementary

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



65, 7.878, 190.625



61, 8.421, 12.562

Rectangle

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



65, 7.878, 190.625



65, 7.878, 240.625



65, 7.878, 10.625



65, 7.878, 60.625

Sweetspot

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



65, 7.879, 190.616



84, 3.071, 191.405



65, 13.831, 141.055



45, 2.198, 191.324



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, 7.879, 190.616



82, 12.000, 190.353



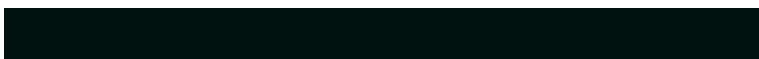
63, 6.524, 245.414



34, 3.484, 190.916



54, 35.951, 183.102



4, 5.563, 189.272

Inverse Universe

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



61, 8.421, 12.562



75, 13.059, 12.900



63, 6.874, 62.552



32, 3.652, 12.204



30, 64.745, 35.192



1, 5.516, 12.258

Previews

White Background



This preview shows how the CIELCh color 65, 7.878, 190.625 looks on a white background.

Color Contrast Check

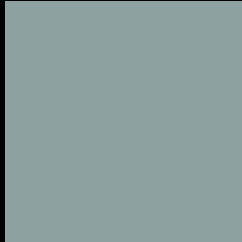
Large Text (above 18pt) WCAG AA × Fail

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, 7.878, 190.625 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

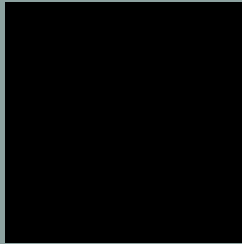
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 7.878, 190.625

Background



This preview shows how black text looks on a background with the CIELCh color 65, 7.878, 190.625.



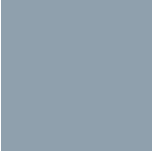
This preview shows how white text looks on a background with the CIELCh color 65, 7.878, 190.625.

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





Tritanopia
65, 9.323, 250.110

Trichromacy



Original Color
65, 7.878, 190.625

Protanomaly
65, 2.346, 185.697

Deuteranomaly
65, 3.191, 318.890

Tritanomaly
65, 7.828, 228.835

Monochromacy



Original Color
65, 7.878, 190.625

Achromatopsia
64, 0.008, 296.813

Achromatomaly
65, 2.716, 187.506

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 7.878, 190.625 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(141, 162, 160)` looks like.

```
.text, #text, p{  
    color:rgb(141, 162, 160)  
}
```

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(141, 162, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 162, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 7.878, 190.625 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(141, 162, 160) }
```

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

```
.border{ border-color:rgb(141, 162, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 162, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 162, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 162, 160);  
box-shadow:4px 4px 4px 4px rgb(141, 162,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 7.878, 190.625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 162, 160) }
```

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

```
.background{ background-color: rgb(141,  
162, 160) }
```

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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