

Converting Colors

CIELCh(57, 6.798, 255.414)

Have a look what the booklet for
CIELCh(57, 6.798, 255.414) contains.

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Color

CIELCh(57, 6.743, 257.228)

Conversions

Conversions Part 1

Format	Color
Hex	808A94
RGB	128, 138, 148
RGB Percent	50%, 54%, 58%
CMY	0.4979, 0.4586, 0.4194
CMYK	0.14, 0.07, 0.00, 0.42
HSL	210°, 9%, 54%
HSV	210°, 14%, 58%
XYZ	23.3532, 24.9227, 31.6162
YIQ	136.1500, -9.1700, 0.9900

Conversions

Conversions Part 2

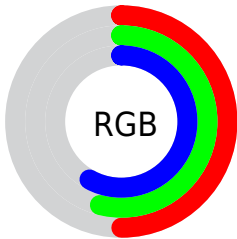
Format	Color
R_{YB}	128, 135, 148
Decimal	8424084
CIE _{Lab}	57.00, -1.49, -6.58
CIE _{LCh}	57, 6.743, 257.228
Yxy	24.9227, 0.2923, 0.3120
Android (android.graphics.Color)	4286614164 (0xFF808A94)
YUV	136.1500, 5.8421, -7.1475
Hunter-Lab	49.9226, -3.8645, -2.6028

Details

The CIELCh color $57, 6.743, 257.228$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $58, 6.967, 73.762$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 6.830, 259.382$, and $37, 6.531, 257.858$ is the 20% darker color. If you saturate the color by 10%, you get $54, 11.668, 258.786$, and if you desaturate by 10%, it is $60, 1.763, 255.996$.

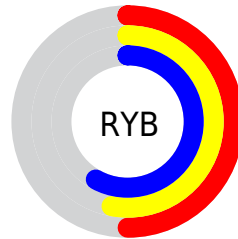
Distribution



Red (50%)

Green (54%)

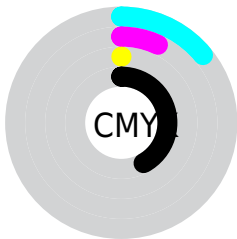
Blue (58%)



Red (50%)

Yellow (53%)

Blue (58%)

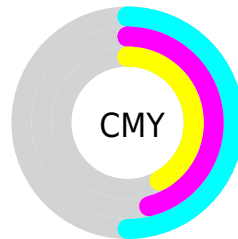


Cyan (14%)

Magenta (7%)

Yellow (0%)

Black (42%)



Cyan (50%)

Magenta (46%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 6.743, 257.228 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 57, 6.743, 257.228 by changing the saturation by 10% instead.

■ 57, 6.743, 257.228

■ 57, 6.743, 257.228

■ 100, 6.743,
257.228

■ 47, 6.743, 257.228

■ 77, 6.743, 257.228

■ 37, 6.743, 257.228

■ 87, 6.743, 257.228

■ 27, 6.743, 257.228

■ 97, 6.743, 257.228

■ 17, 6.743, 257.228

■ 7, 6.743, 257.228

■ 0, 6.743, 257.228

■ 57, 6.743, 257.228

■ 57, 6.743, 257.228

■ 54, 11.668,
258.786

■ 60, 1.763, 255.996

■ 63, 3.252, 74.592

51, 16.521,
260.659

67, 8.284, 73.665

48, 21.287,
262.884

70, 13.319, 72.831

45, 25.959,
265.515

73, 18.342, 72.099

42, 30.546,
268.599

80, 28.317, 70.888

39, 35.079,
272.156

83, 33.253, 70.383

36, 39.614,
276.155

85, 36.501, 73.059

34, 44.222,
280.489

32, 47.316,
283.202

Harmonies

Complementary

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



57, 6.743, 257.228



58, 6.967, 73.762

Rectangle

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



57, 6.743, 257.228



57, 6.743, 307.228



57, 6.743, 77.228



57, 6.743, 127.228

Sweetspot

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



57, 6.742, 257.217



76, 2.474, 256.043



60, 9.740, 161.692



40, 1.771, 256.111



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



57, 6.742, 257.217



71, 9.825, 257.629



54, 11.338, 290.928



30, 2.823, 256.631



30, 44.597, 282.879



1, 2.480, 255.416

Inverse Universe

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



56, 9.785, 344.732



69, 14.322, 344.990



61, 11.013, 108.223



29, 4.068, 344.344



29, 53.710, 0.876



1, 3.520, 343.642

Previews

White Background



This preview shows how the CIELCh color 57, 6.743, 257.228 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 57, 6.743, 257.228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

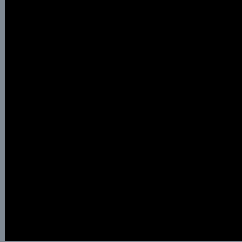
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

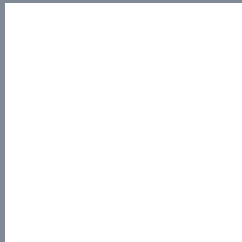
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 57, 6.743, 257.228

Background



This preview shows how black text looks on a background with the CIELCh color 57, 6.743, 257.228.

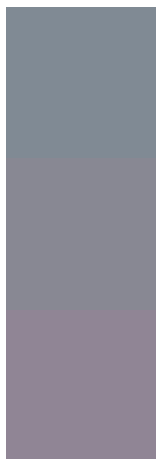


This preview shows how white text looks on a background with the CIELCh color 57, 6.743, 257.228.

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

57, 6.743, 257.228

Protanopia

57, 6.281, 290.922

Deuteranopia

57, 10.110, 315.759



Tritanopia
57, 7.217, 259.871

Trichromacy



Original Color
57, 6.743, 257.228

Protanomaly
57, 5.874, 275.950

Deuteranomaly
57, 8.097, 299.175

Tritanomaly
57, 7.217, 259.871

Monochromacy



Original Color
57, 6.743, 257.228

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 2.288, 248.002

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 6.743, 257.228 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(128, 138, 148)` looks like.

```
.text, #text, p{  
    color:rgb(128, 138, 148)  
}
```

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(128, 138, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 138, 148) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 6.743, 257.228 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(128, 138, 148) }
```

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

```
.border{ border-color:rgb(128, 138, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 138, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 138, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 138, 148);  
box-shadow:4px 4px 4px 4px rgb(128, 138,  
148) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 6.743, 257.228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 138, 148) }
```

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

```
.background{ background-color: rgb(128,  
138, 148) }
```

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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