

Converting Colors

CIELCh(57, 13.994, 242.840)

Have a look what the booklet for
CIELCh(57, 13.994, 242.840)
contains.

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Color

CIELCh(57, 13.994, 242.840)

Conversions

Conversions Part 1

Format	Color
Hex	6F8D9E
RGB	111, 141, 158
RGB Percent	44%, 55%, 62%
CMY	0.5645, 0.4468, 0.3801
CMYK	0.30, 0.11, 0.00, 0.38
HSL	202°, 20%, 53%
HSV	202°, 30%, 62%
XYZ	22.2746, 24.9227, 36.0130
YIQ	133.9680, -23.3370, -1.0730

Conversions

Conversions Part 2

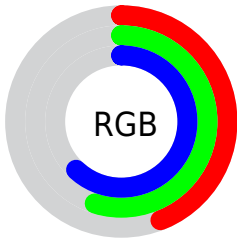
Format	Color
R_{YB}	111, 129, 158
Decimal	7310750
CIE _{Lab}	57.00, -6.39, -12.45
CIE _{LCh}	57, 13.994, 242.840
Yxy	24.9227, 0.2677, 0.2995
Android (android.graphics.Color)	4285500830 (0xFF6F8D9E)
YUV	133.9680, 11.8478, -20.1429
Hunter-Lab	49.9226, -7.7209, -7.8246

Details

The CIELCh color $57, 13.994, 242.840$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $56, 16.251, 56.679$, and the grayscale version is $56, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 14.018, 242.640$, and $37, 14.175, 243.021$ is the 20% darker color. If you saturate the color by 10%, you get $54, 18.253, 244.628$, and if you desaturate by 10%, it is $60, 9.481, 241.387$.

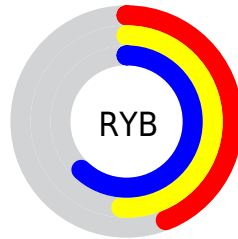
Distribution



Red (44%)

Green (55%)

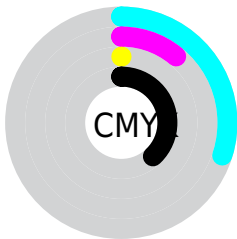
Blue (62%)



Red (44%)

Yellow (51%)

Blue (62%)

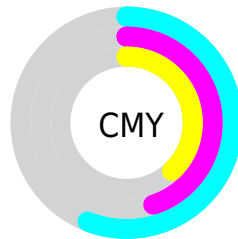


Cyan (30%)

Magenta (11%)

Yellow (0%)

Black (38%)



Cyan (56%)

Magenta (45%)


Yellow (38%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 13.994, 242.840 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, 13.994, 242.840 by changing the saturation by 10% instead.


 57, 13.994,
242.840


 57, 13.994,
242.840


 100, 13.994,
242.840


 47, 13.994,
242.840


 77, 13.994,
242.840

 37, 13.994,
242.840

 87, 13.994,
242.840

 27, 13.994,
242.840

 97, 13.994,
242.840

 17, 13.994,
242.840

 7, 13.994, 242.840

 0, 13.994, 242.840

■ 57, 13.994,
242.840

■ 57, 13.994,
242.840

■ 54, 18.253,
244.628

■ 60, 9.481, 241.387

■ 62, 4.760, 240.238

■ 52, 22.219,
246.834

■ 65, 0.127, 56.085

■ 49, 25.865,
249.532

■ 68, 5.142, 58.309

■ 47, 29.186,
252.795

■ 71, 10.251, 57.689

■ 74, 15.425, 57.156

■ 45, 32.217,
256.668

■ 77, 20.641, 56.705

■ 43, 35.036,
261.139

■ 80, 25.879, 56.324

■ 83, 31.125, 56.000

■ 41, 37.821,
265.914

■ 41, 37.898,

Harmonies

Complementary

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



57, 13.994, 242.840



56, 16.251, 56.679

Rectangle

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



57, 13.994, 242.840



57, 13.994, 292.840



57, 13.994, 62.840



57, 13.994, 112.840

Sweetspot

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



57, 13.993, 242.836



80, 5.478, 240.183



61, 24.962, 153.956



42, 3.828, 240.321



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



57, 13.993, 242.836



71, 20.723, 244.045



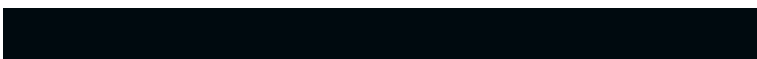
50, 23.397, 287.190



32, 2.768, 240.190



37, 34.978, 265.543



2, 3.706, 243.250

Inverse Universe

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



52, 25.142, 339.160



64, 37.780, 339.782



62, 22.367, 100.005



31, 4.734, 337.510



31, 58.046, 349.084



1, 5.999, 338.377

Previews

White Background



This preview shows how the CIE LCh color 57, 13.994, 242.840 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 CIELCh color 57, 13.994, 242.840 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

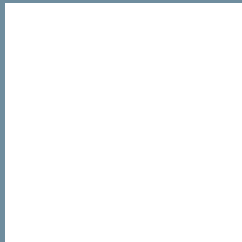
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 57, 13.994, 242.840

Background



This preview shows how black text looks on a background with the CIELCh color 57, 13.994, 242.840.



This preview shows how white text looks on a background with the CIELCh color 57, 13.994, 242.840.

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, 13.994, 242.840

Protanopia

57, 10.857, 289.500

Deuteranopia

57, 15.588, 298.701



Tritanopia
57, 12.749, 228.155

Trichromacy



Original Color
57, 13.994, 242.840

Protanomaly
57, 10.926, 269.902

Deuteranomaly
57, 13.374, 279.269

Tritanomaly
57, 13.243, 232.790

Monochromacy



Original Color
57, 13.994, 242.840

Achromatopsia
56, 0.007, 296.813

Achromatomaly
56, 5.327, 239.333

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 13.994, 242.840 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(111, 141, 158)` looks like.

```
.text, #text, p{  
    color:rgb(111, 141, 158)  
}
```

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(111, 141, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 141, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 13.994, 242.840 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(111, 141, 158) }
```

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

```
.border{ border-color:rgb(111, 141, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 141, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 141, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 141, 158);  
box-shadow:4px 4px 4px 4px rgb(111, 141,  
158) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 13.994, 242.840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 141, 158) }
```

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

```
.background{ background-color: rgb(111,  
141, 158) }
```

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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