

Converting Colors

CIELCh(57, 13.806, 220.249)

Have a look what the booklet for
CIELCh(57, 13.806, 220.249)
contains.

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Color

CIELCh(57, 13.814, 220.262)

Conversions

Conversions Part 1

Format	Color
Hex	6A8F98
RGB	106, 143, 152
RGB Percent	42%, 56%, 60%
CMY	0.5848, 0.4397, 0.4045
CMYK	0.30, 0.06, 0.00, 0.40
HSL	192°, 18%, 51%
HSV	192°, 30%, 60%
XYZ	21.3863, 24.9227, 33.3305
YIQ	132.9630, -24.9410, -5.0450

Conversions

Conversions Part 2

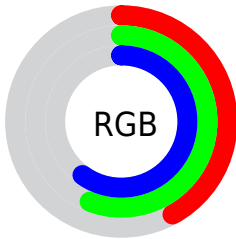
Format	Color
RYB	106, 127, 152
Decimal	6983576
CIELab	57.00, -10.54, -8.93
CIElCh	57, 13.814, 220.262
Yxy	24.9227, 0.2685, 0.3129
Android (android.graphics.Color)	4285173656 (0xFF6A8F98)
YUV	132.9630, 9.3852, -23.6466
Hunter-Lab	49.9226, -10.8970, -4.6387

Details

The CIELCh color $57, 13.814, 220.262$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $52, 16.952, 38.774$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 13.687, 219.316$, and $37, 13.940, 218.809$ is the 20% darker color. If you saturate the color by 10%, you get $55, 17.664, 221.058$, and if you desaturate by 10%, it is $59, 9.564, 219.689$.

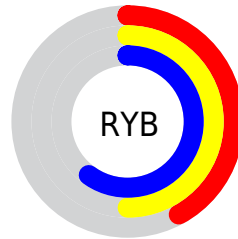
Distribution



Red (42%)

Green (56%)

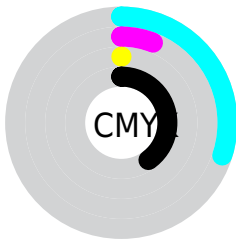
Blue (60%)



Red (42%)

Yellow (50%)

Blue (60%)

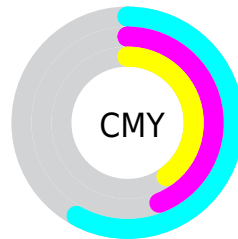


Cyan (30%)

Magenta (6%)

Yellow (0%)

Black (40%)



Cyan (58%)

Magenta (44%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 13.814, 220.262 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, 13.814, 220.262 by changing the saturation by 10% instead.

■ 57, 13.814,
220.262

■ 57, 13.814,
220.262

■ 100, 13.814,
220.262

■ 47, 13.814,
220.262

■ 77, 13.814,
220.262

■ 37, 13.814,
220.262

■ 87, 13.814,
220.262

■ 27, 13.814,
220.262

■ 97, 13.814,
220.262

■ 17, 13.814,
220.262

■ 7, 13.814, 220.262

■ 0, 13.814, 220.262

■ 57, 13.814,
220.262

■ 57, 13.814,
220.262

■ 55, 17.664,
221.058

■ 59, 9.564, 219.689

■ 54, 21.044,
222.142

■ 61, 4.985, 219.326

■ 63, 0.144, 222.046

■ 52, 23.890,
223.575

■ 65, 4.900, 38.725

■ 51, 26.159,
225.431

■ 67, 10.098, 38.700

■ 69, 15.406, 38.709

■ 49, 27.842,
227.786

■ 71, 20.791, 38.758

■ 48, 28.974,
230.712

■ 74, 26.225, 38.842

■ 76, 31.685, 38.952

■ 47, 29.746,
233.964

Harmonies

Complementary

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



57, 13.814, 220.262



52, 16.952, 38.774

Rectangle

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



57, 13.814, 220.262



57, 13.814, 270.262



57, 13.814, 40.262



57, 13.814, 90.262

Sweetspot

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



57, 13.814, 220.257



77, 5.392, 219.301



59, 27.905, 147.736



41, 3.764, 219.332



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



57, 13.814, 220.257



71, 19.754, 220.741



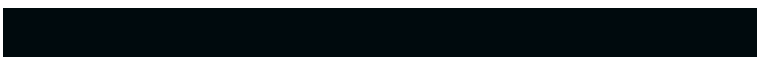
51, 18.865, 276.944



31, 2.763, 219.302



44, 28.054, 233.672



2, 3.033, 220.551

Inverse Universe

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



51, 27.769, 332.262



62, 40.558, 332.690



58, 18.874, 88.664



30, 5.186, 330.903



31, 63.838, 337.633



1, 5.517, 330.845

Previews

White Background



This preview shows how the CIELCh color 57, 13.814, 220.262 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, 13.814, 220.262 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

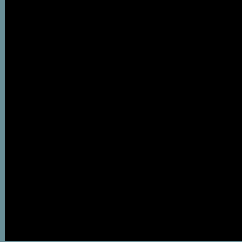
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

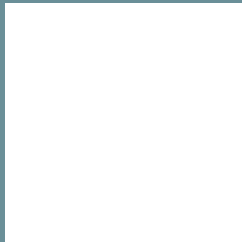
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 57, 13.814, 220.262

Background



This preview shows how black text looks on a background with the CIELCh color 57, 13.814, 220.262.



This preview shows how white text looks on a background with the CIELCh color 57, 13.814, 220.262.

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, 13.814, 220.262

Protanopia

57, 6.877, 294.154

Deuteranopia

57, 12.424, 305.510



Tritanopia
57, 14.154, 224.826

Trichromacy



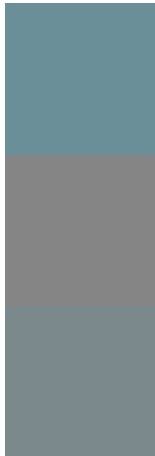
Original Color
57, 13.814, 220.262

Protanomaly
57, 7.809, 252.881

Deuteranomaly
57, 9.634, 271.175

Tritanomaly
57, 13.973, 222.571

Monochromacy



Original Color
57, 13.814, 220.262

Achromatopsia
56, 0.007, 296.813

Achromatomaly
56, 5.540, 217.080

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 13.814, 220.262 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(106, 143, 152)` looks like.

```
.text, #text, p{  
    color:rgb(106, 143, 152)  
}
```

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(106, 143, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 143, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 13.814, 220.262 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(106, 143, 152) }
```

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

```
.border{ border-color:rgb(106, 143, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 143, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 143, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 143, 152);  
box-shadow:4px 4px 4px 4px rgb(106, 143,  
152) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 13.814, 220.262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 143, 152) }
```

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

```
.background{ background-color: rgb(106,  
143, 152) }
```

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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