

Converting Colors

CIELCh(57, 24.365, 247.415)

Have a look what the booklet for
CIELCh(57, 24.365, 247.415)
contains.

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Color

CIELCh(57, 24.213, 247.799)

Conversions

Conversions Part 1	
Format	Color
Hex	588FAF
RGB	88, 143, 175
RGB Percent	35%, 56%, 69%
CMY	0.6538, 0.4381, 0.3126
CMYK	0.50, 0.18, 0.00, 0.31
HSL	202°, 35%, 52%
HSV	202°, 50%, 69%
XYZ	21.6814, 24.9227, 44.3729
YIQ	130.2030, -43.0520, -1.7080

Conversions

Conversions Part 2

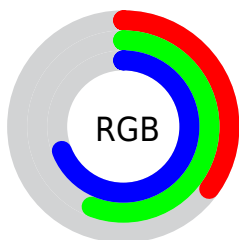
Format	Color
RYB	88, 122, 175
Decimal	5803951
CIELab	57.00, -9.15, -22.42
CIELCh	57, 24.213, 247.799
Yxy	24.9227, 0.2383, 0.2739
Android (android.graphics.Color)	4283994031 (0xFF588FAF)
YUV	130.2030, 22.0849, -37.0120
Hunter-Lab	49.9226, -9.8418, -17.7531

Details

The CIELCh color `57, 24.213, 247.799` is a dark color, and the websafe version is hex `6699CC`. A complement of this color would be `55, 31.631, 55.865`, and the grayscale version is `54, 0.007, 296.813`.

A 20% lighter version of the original color is `77, 24.232, 247.869`, and `37, 24.009, 246.838` is the 20% darker color. If you saturate the color by 10%, you get `54, 28.216, 250.563`, and if you desaturate by 10%, it is `60, 19.868, 245.535`.

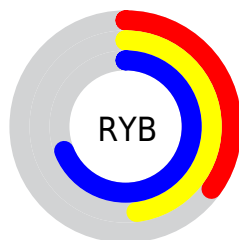
Distribution



Red (35%)

Green (56%)

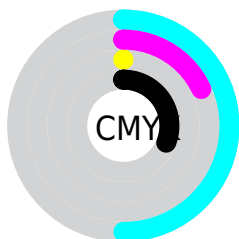
Blue (69%)



Red (35%)

Yellow (48%)

Blue (69%)

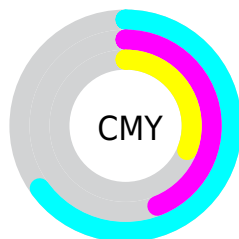


Cyan (50%)

Magenta (18%)

Yellow (0%)

Black (31%)



Cyan (65%)

Magenta (44%)

Yellow (31%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 24.213, 247.799 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, 24.213, 247.799 by changing the saturation by 10% instead.


 57, 24.213,
247.799


 57, 24.213,
247.799

 100, 24.213,
247.799


 47, 24.213,
247.799

 77, 24.213,
247.799

 37, 24.213,
247.799

 87, 24.213,
247.799

 27, 24.213,
247.799

 97, 24.213,
247.799

 17, 24.213,
247.799

 7, 24.213, 247.799

 0, 24.213, 247.799

■ 57, 24.213,
247.799

■ 57, 24.213,
247.799

■ 54, 28.216,
250.563

■ 60, 19.868,
245.535

■ 52, 31.877,
253.902

■ 63, 15.211,
243.696

■ 49, 35.237,
257.857

■ 66, 10.283,
242.208

■ 47, 38.387,
262.408

■ 69, 5.133, 241.026

■ 45, 41.507,
267.288

■ 72, 0.194, 57.771

■ 75, 5.656, 59.049

■ 45, 41.626,
267.460

■ 78, 11.217, 58.407

■ 81, 16.846, 57.855

■ 84, 22.518, 57.388

Harmonies

Complementary

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



57, 24.213, 247.799



55, 31.631, 55.865

Rectangle

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



57, 24.213, 247.799



57, 24.213, 297.799



57, 24.213, 67.799



57, 24.213, 117.799

Sweetspot

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



57, 24.212, 247.798



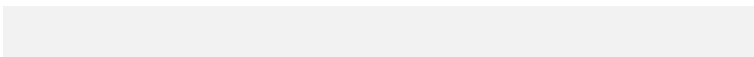
85, 9.770, 241.654



65, 43.900, 152.333



44, 6.695, 241.908



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



57, 24.212, 247.798



69, 34.869, 250.994



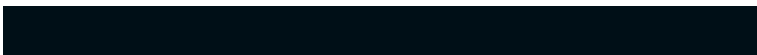
45, 44.963, 291.890



35, 2.992, 240.992



39, 36.880, 266.773



4, 6.677, 251.344

Inverse Universe

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



50, 44.710, 341.420



59, 64.743, 342.765



67, 40.823, 98.702



34, 5.088, 337.801



33, 60.050, 349.715



2, 9.962, 341.719

Previews

White Background



This preview shows how the CIELCh color 57, 24.213, 247.799 looks on a white background.

Color Contrast Check

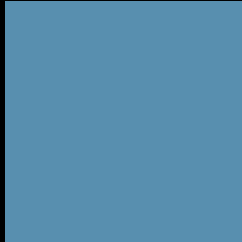
Large Text (above 18pt) WCAG AA ✓ Pass

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, 24.213, 247.799 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

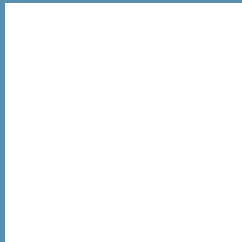
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 57, 24.213, 247.799

Background



This preview shows how black text looks on a background with the CIELCh color 57, 24.213, 247.799.

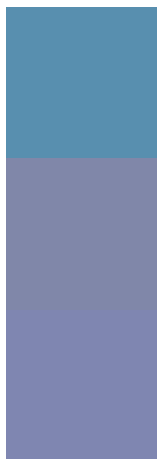


This preview shows how white text looks on a background with the CIELCh color 57, 24.213, 247.799.

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, 24.213, 247.799

Protanopia

57, 19.505, 285.249

Deuteranopia

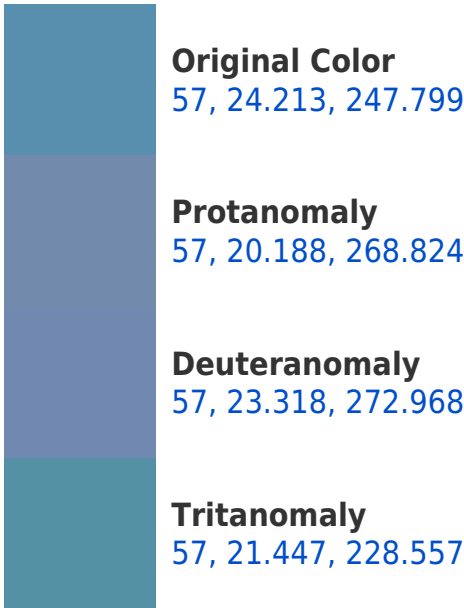
57, 24.610, 287.494



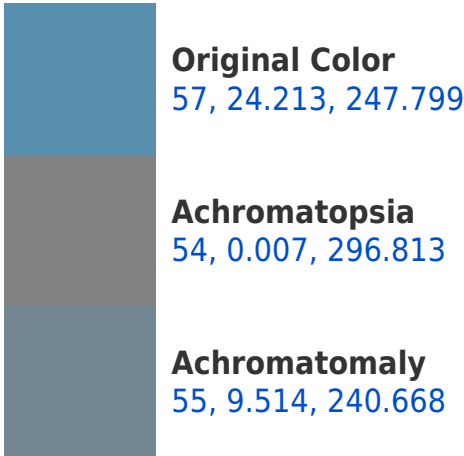
Tritanopia

57, 21.134, 216.763

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 24.213, 247.799 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(88, 143, 175)` looks like.

```
.text, #text, p{  
    color:rgb(88, 143, 175)  
}
```

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(88, 143, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 143, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 24.213, 247.799 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(88, 143, 175) }
```

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

```
.border{ border-color:rgb(88, 143, 175) }
```

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

Here you see how a box with a 4 pixel rgb(88, 143, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 143, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 143, 175);  
box-shadow:4px 4px 4px 4px rgb(88, 143,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 24.213, 247.799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 143, 175) }
```

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

```
.background{ background-color: rgb(88, 143,  
175) }
```

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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