

Converting Colors

CIELCh(57, 23.179, 248.534)

Have a look what the booklet for
CIELCh(57, 23.179, 248.534)
contains.

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Color

CIELCh(57, 23.188, 248.594)

Conversions

Conversions Part 1

Format	Color
Hex	5C8FAE
RGB	92, 143, 174
RGB Percent	36%, 56%, 68%
CMY	0.6398, 0.4397, 0.3182
CMYK	0.47, 0.18, 0.00, 0.32
HSL	203°, 34%, 52%
HSV	203°, 47%, 68%
XYZ	21.8278, 24.9227, 43.6324
YIQ	131.2850, -40.3470, -1.1710

Conversions

Conversions Part 2

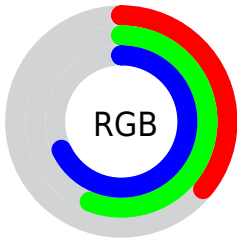
Format	Color
R _Y B	92, 123, 174
Decimal	6066094
CIE Lab	57.00, -8.46, -21.59
CIE LCh	57, 23.188, 248.594
Yxy	24.9227, 0.2415, 0.2757
Android (android.graphics.Color)	4284256174 (0xFF5C8FAE)
YUV	131.2850, 21.0585, -34.4529
Hunter-Lab	49.9226, -9.3184, -16.8736

Details

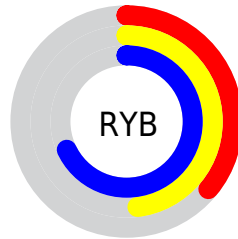
The CIELCh color `57, 23.188, 248.594` is a dark color, and the websafe version is hex `6699CC`. A complement of this color would be `56, 29.575, 57.074`, and the grayscale version is `55, 0.007, 296.813`.

A 20% lighter version of the original color is `77, 23.335, 248.406`, and `37, 23.001, 247.376` is the 20% darker color. If you saturate the color by 10%, you get `54, 27.326, 251.263`, and if you desaturate by 10%, it is `60, 18.732, 246.404`.

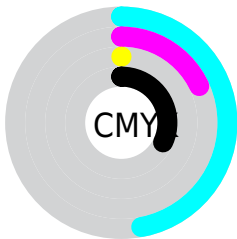
Distribution



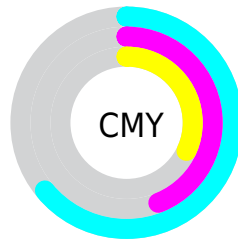
- Red (36%)
- Green (56%)
- Blue (68%)



- Red (36%)
- Yellow (48%)
- Blue (68%)



- Cyan (47%)
- Magenta (18%)
- Yellow (0%)
- Black (32%)





- Cyan (64%)
- Magenta (44%)
- Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 23.188, 248.594 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, 23.188, 248.594 by changing the saturation by 10% instead.


 57, 23.188,
248.594


 57, 23.188,
248.594


 100, 23.188,
248.594


 47, 23.188,
248.594

 77, 23.188,
248.594

 37, 23.188,
248.594

 87, 23.188,
248.594

 27, 23.188,
248.594

 97, 23.188,
248.594

 17, 23.188,
248.594

 7, 23.188, 248.594

 0, 23.188, 248.594

■ 57, 23.188,
248.594

■ 57, 23.188,
248.594

■ 54, 27.326,
251.263

■ 60, 18.732,
246.404

■ 52, 31.142,
254.488

■ 63, 13.991,
244.621

■ 49, 34.667,
258.315

■ 66, 9.004, 243.176

■ 47, 37.980,
262.736

■ 69, 3.818, 242.042

■ 72, 1.524, 60.680

■ 45, 41.219,
267.605

■ 75, 6.985, 60.080

■ 44, 42.172,
268.943

■ 78, 12.530, 59.431

■ 81, 18.132, 58.875

■ 85, 23.767, 58.404

Harmonies

Complementary

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



57, 23.188, 248.594



56, 29.575, 57.074

Rectangle

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



57, 23.188, 248.594



57, 23.188, 298.594



57, 23.188, 68.594



57, 23.188, 118.594

Sweetspot

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



57, 23.187, 248.593



85, 9.166, 242.811



65, 41.589, 152.657



45, 6.357, 243.074



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, 23.187, 248.593



69, 33.757, 251.515



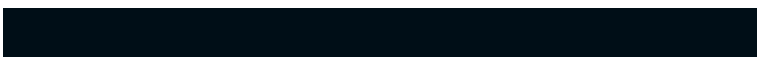
46, 42.243, 291.348



35, 3.001, 242.254



38, 37.593, 268.293



3, 6.720, 252.513

Inverse Universe

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



50, 42.117, 341.666



60, 61.732, 342.929



66, 38.627, 98.978



34, 5.052, 338.258



33, 59.744, 350.528



2, 9.889, 342.252

Previews

White Background



This preview shows how the CIELCh color 57, 23.188, 248.594 looks on a white background.

Color Contrast Check

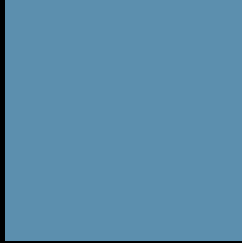
Large Text (above 18pt) WCAG AA ✓ Pass

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, 23.188, 248.594 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, 23.188, 248.594

Background



This preview shows how black text looks on a background with the CIELCh color 57, 23.188, 248.594.

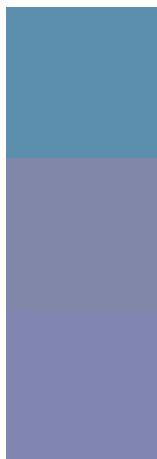


This preview shows how white text looks on a background with the CIELCh color 57, 23.188, 248.594.

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, 23.188, 248.594

Protanopia

57, 18.942, 284.946

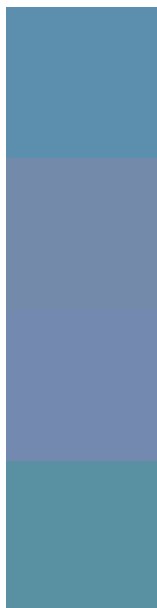
Deuteranopia

57, 24.023, 288.075



Tritanopia
57, 20.067, 216.137

Trichromacy



Original Color
57, 23.188, 248.594

Protanomaly
57, 19.565, 268.889

Deuteranomaly
57, 22.612, 273.856

Tritanomaly
57, 20.358, 228.534

Monochromacy



Original Color
57, 23.188, 248.594

Achromatopsia
55, 0.007, 296.813

Achromatomaly
55, 9.385, 246.387

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 23.188, 248.594 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(92, 143, 174)` looks like.

```
.text, #text, p{  
    color:rgb(92, 143, 174)  
}
```

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(92, 143, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 143, 174) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 23.188, 248.594 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(92, 143, 174) }
```

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

```
.border{ border-color:rgb(92, 143, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 143, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 143, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 143, 174);  
box-shadow:4px 4px 4px 4px rgb(92, 143,  
174) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 23.188, 248.594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 143, 174) }
```

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

```
.background{ background-color: rgb(92, 143,  
174) }
```

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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