

Converting Colors

CIELCh(58, 21.877, 250.506)

Have a look what the booklet for
CIELCh(58, 21.877, 250.506)
contains.

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Color

CIELCh(58, 21.943, 250.009)

Conversions

Conversions Part 1

Format	Color
Hex	6391AF
RGB	99, 145, 175
RGB Percent	39%, 57%, 69%
CMY	0.6121, 0.4317, 0.3141
CMYK	0.43, 0.17, 0.00, 0.31
HSL	204°, 32%, 54%
HSV	204°, 43%, 69%
XYZ	22.9748, 25.9610, 44.3075
YIQ	134.6660, -37.0460, -0.4220

Conversions

Conversions Part 2

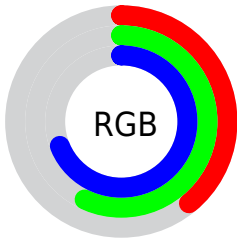
Format	Color
RYB	99, 128, 175
Decimal	6525359
CIELab	58.00, -7.50, -20.62
CIElCh	58, 21.943, 250.009
Yxy	25.9610, 0.2464, 0.2784
Android (android.graphics.Color)	4284715439 (0xFF6391AF)
YUV	134.6660, 19.8847, -31.2791
Hunter-Lab	50.9519, -8.6783, -15.8918

Details

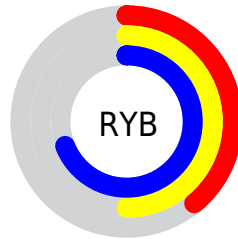
The CIELCh color `58, 21.943, 250.009` is a dark color, and the websafe version is hex `6699CC`. A complement of this color would be `58, 27.029, 59.118`, and the grayscale version is `56, 0.007, 296.813`.

A 20% lighter version of the original color is `78, 22.040, 250.127`, and `38, 21.621, 248.909` is the 20% darker color. If you saturate the color by 10%, you get `55, 26.344, 252.550`, and if you desaturate by 10%, it is `61, 17.259, 247.918`.

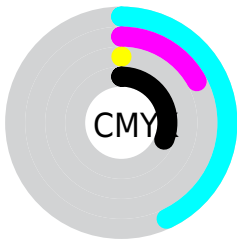
Distribution



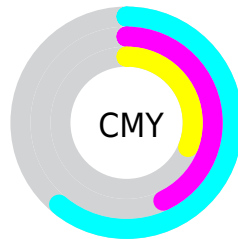
- Red (39%)
- Green (57%)
- Blue (69%)



- Red (39%)
- Yellow (50%)
- Blue (69%)



- Cyan (43%)
- Magenta (17%)
- Yellow (0%)
- Black (31%)




- Cyan (61%)
- Magenta (43%)
- Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 21.943, 250.009 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 58, 21.943, 250.009 by changing the saturation by 10% instead.


 58, 21.943,
250.009


 58, 21.943,
250.009


 100, 21.943,
250.009


 48, 21.943,
250.009


 78, 21.943,
250.009

 38, 21.943,
250.009

 88, 21.943,
250.009

 28, 21.943,
250.009

 98, 21.943,
250.009

 18, 21.943,
250.009

 8, 21.943, 250.009

 0, 21.943, 250.009

■ 58, 21.943,
250.009

■ 58, 21.943,
250.009

■ 55, 26.344,
252.550

■ 61, 17.259,
247.918

■ 52, 30.452,
255.618

■ 64, 12.325,
246.209

■ 50, 34.286,
259.265

■ 67, 7.182, 244.821

■ 47, 37.911,
263.498

■ 70, 1.870, 243.819

■ 74, 3.572, 62.525

■ 45, 41.435,
268.242

■ 77, 9.109, 61.792

■ 43, 43.799,
271.386

■ 80, 14.710, 61.135

■ 83, 20.351, 60.572

■ 87, 25.601, 60.844

Harmonies

Complementary

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



58, 21.943, 250.009



58, 27.029, 59.118

Rectangle

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



58, 21.943, 250.009



58, 21.943, 300.009



58, 21.943, 70.009



58, 21.943, 120.009

Sweetspot

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



58, 21.942, 250.008



85, 8.582, 244.794



66, 38.166, 153.825



45, 6.034, 245.068



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



58, 21.942, 250.008



71, 31.721, 252.398



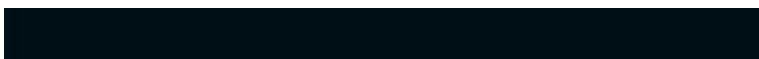
48, 39.622, 291.357



35, 3.020, 244.336



37, 38.836, 270.719



3, 6.797, 254.397

Inverse Universe

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



52, 38.773, 342.133



62, 56.484, 343.211



67, 36.405, 100.324



34, 4.993, 339.034



32, 59.266, 351.908



2, 9.772, 343.142

Previews

White Background



This preview shows how the CIELCh color 58, 21.943, 250.009 looks on a white background.

Color Contrast Check

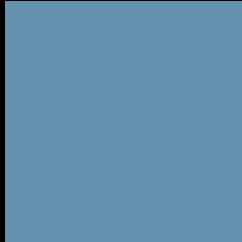
Large Text (above 18pt) WCAG AA ✓ Pass

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 58, 21.943, 250.009 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

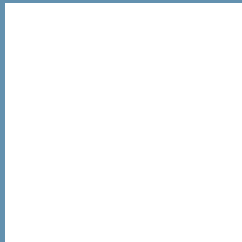
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 58, 21.943, 250.009

Background



This preview shows how black text looks on a background with the CIELCh color 58, 21.943, 250.009.

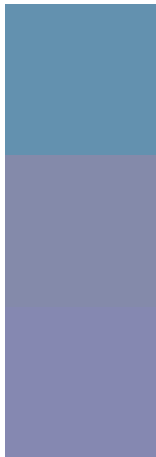


This preview shows how white text looks on a background with the CIELCh color 58, 21.943, 250.009.

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


58, 21.943, 250.009

Protanopia

58, 18.273, 285.646

Deuteranopia

58, 23.351, 290.312

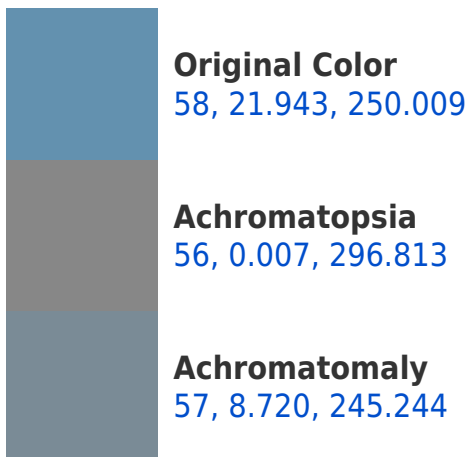


Tritanopia
58, 18.519, 217.814

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 21.943, 250.009 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(99, 145, 175)` looks like.

```
.text, #text, p{  
    color:rgb(99, 145, 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(99, 145, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 145, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 21.943, 250.009 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(99, 145, 175) }
```

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

```
.border{ border-color:rgb(99, 145, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 145, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 145, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 145, 175);  
box-shadow:4px 4px 4px 4px rgb(99, 145,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 21.943, 250.009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 145, 175) }
```

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

```
.background{ background-color: rgb(99, 145,  
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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