

Converting Colors

CIELCh(58, 16.698, 239.135)

Have a look what the booklet for
CIELCh(58, 16.698, 239.135)
contains.

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Color

CIELCh(58, 16.688, 239.101)

Conversions

Conversions Part 1

Format	Color
Hex	6A91A4
RGB	106, 145, 164
RGB Percent	42%, 57%, 64%
CMY	0.5846, 0.4317, 0.3572
CMYK	0.35, 0.12, 0.00, 0.36
HSL	200°, 24%, 53%
HSV	200°, 35%, 64%
XYZ	22.7392, 25.9610, 38.8929
YIQ	135.5050, -29.3430, -2.3590

Conversions

Conversions Part 2

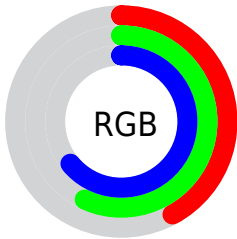
Format	Color
R_{YB}	106, 129, 164
Decimal	6984100
CIE _{Lab}	58.00, -8.57, -14.32
CIE _{LCh}	58, 16.688, 239.101
Yxy	25.9610, 0.2596, 0.2964
Android (android.graphics.Color)	4285174180 (0xFF6A91A4)
YUV	135.5050, 14.0480, -25.8759
Hunter-Lab	50.9519, -9.5034, -9.5912

Details

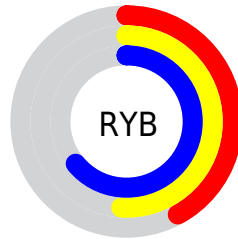
The CIELCh color $58, 16.688, 239.101$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $56, 20.408, 52.528$, and the grayscale version is $56, 0.007, 296.813$.

A 20% lighter version of the original color is $78, 16.713, 238.747$, and $38, 16.628, 237.404$ is the 20% darker color. If you saturate the color by 10%, you get $56, 20.754, 240.960$, and if you desaturate by 10%, it is $61, 12.291, 237.609$.

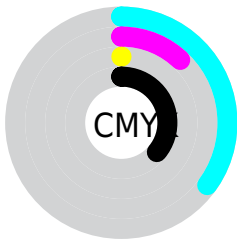
Distribution



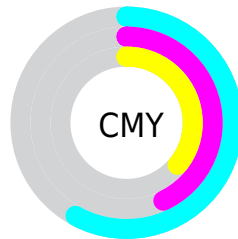
- Red (42%)
- Green (57%)
- Blue (64%)



- Red (42%)
- Yellow (51%)
- Blue (64%)



- Cyan (35%)
- Magenta (12%)
- Yellow (0%)
- Black (36%)





- Cyan (58%)
- Magenta (43%)
- Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 16.688, 239.101 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, 16.688, 239.101 by changing the saturation by 10% instead.


 58, 16.688,
239.101


 58, 16.688,
239.101


 100, 16.688,
239.101


 48, 16.688,
239.101


 78, 16.688,
239.101

 38, 16.688,
239.101

 88, 16.688,
239.101

 28, 16.688,
239.101

 98, 16.688,
239.101

 18, 16.688,
239.101

 8, 16.688, 239.101

 0, 16.688, 239.101

■ 58, 16.688,
239.101

■ 58, 16.688,
239.101

■ 56, 20.754,
240.960

■ 61, 12.291,
237.609

■ 53, 24.447,
243.273

■ 63, 7.617, 236.430

■ 66, 2.717, 235.568

■ 51, 27.740,
246.123

■ 69, 2.361, 54.459

■ 49, 30.643,
249.582

■ 71, 7.574, 53.959

■ 47, 33.209,
253.689

■ 74, 12.886, 53.477

■ 77, 18.266, 53.076

■ 45, 35.551,
258.395

■ 80, 23.692, 52.746

■ 44, 36.655,
260.569

■ 83, 29.141, 52.474

Harmonies

Complementary

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



58, 16.688, 239.101



56, 20.408, 52.528

Rectangle

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



58, 16.688, 239.101



58, 16.688, 289.101



58, 16.688, 59.101



58, 16.688, 109.101

Sweetspot

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



58, 16.687, 239.098



82, 6.830, 236.022



63, 31.306, 152.017



43, 4.570, 236.141



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



58, 16.687, 239.098



72, 24.084, 240.437



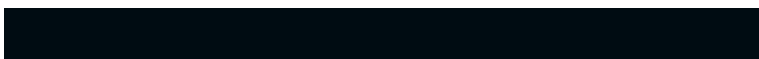
50, 27.824, 286.439



33, 2.825, 235.852



39, 33.374, 260.001



3, 4.514, 242.098

Inverse Universe

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



52, 31.483, 338.073



64, 46.186, 338.730



63, 26.545, 97.367



32, 4.980, 336.022



32, 59.922, 346.493



1, 7.379, 337.941

Previews

White Background



This preview shows how the CIELCh color 58, 16.688, 239.101 looks on a white background.

Color Contrast Check

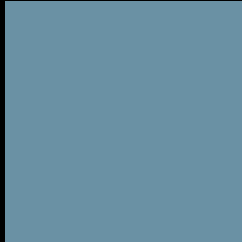
Large Text (above 18pt) WCAG AA ✓ Pass

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, 16.688, 239.101 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

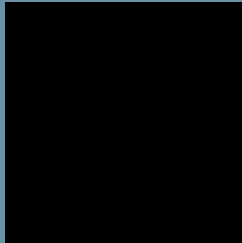
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

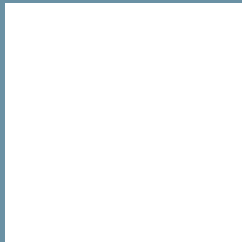
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 58, 16.688, 239.101

Background



This preview shows how black text looks on a background with the CIELCh color 58, 16.688, 239.101.



This preview shows how white text looks on a background with the CIELCh color 58, 16.688, 239.101.

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, 16.688, 239.101

Protanopia

58, 11.981, 286.310

Deuteranopia

58, 17.151, 295.741



Tritanopia
58, 15.705, 224.166

Trichromacy



Original Color
58, 16.688, 239.101

Protanomaly
58, 12.710, 263.050

Deuteranomaly
58, 15.270, 275.766

Tritanomaly
58, 15.837, 228.678

Monochromacy



Original Color
58, 16.688, 239.101

Achromatopsia
56, 0.007, 296.813

Achromatomaly
57, 6.789, 235.163

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 16.688, 239.101 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, 145, 164)` looks like.

```
.text, #text, p{  
    color:rgb(106, 145, 164)  
}
```

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, 145, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 145, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 16.688, 239.101 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, 145, 164) }
```

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

```
.border{ border-color:rgb(106, 145, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 145, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 145, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 145, 164);  
box-shadow:4px 4px 4px 4px rgb(106, 145,  
164) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 16.688, 239.101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 145, 164) }
```

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

```
.background{ background-color: rgb(106,  
145, 164) }
```

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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