

Converting Colors

CIELCh(58, 14.562, 176.285)

Have a look what the booklet for
CIELCh(58, 14.562, 176.285)
contains.

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Color

CIELCh(58, 14.720, 175.245)

Conversions

Conversions Part 1

Format	Color
Hex	6F9389
RGB	111, 147, 137
RGB Percent	44%, 58%, 54%
CMY	0.5656, 0.4244, 0.4636
CMYK	0.25, 0.00, 0.07, 0.42
HSL	163°, 14%, 51%
HSV	163°, 25%, 58%
XYZ	21.4249, 25.9610, 27.4638
YIQ	135.0960, -18.2460, -10.7420

Conversions

Conversions Part 2

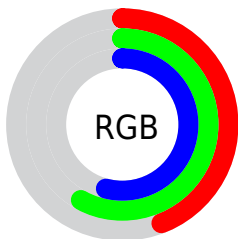
Format	Color
R_{YB}	111, 132, 147
Decimal	7312265
CIE _{Lab}	58.00, -14.67, 1.22
CIE _{LCh}	58, 14.720, 175.245
Yxy	25.9610, 0.2862, 0.3468
Android (android.graphics.Color)	4285502345 (0xFF6F9389)
YUV	135.0960, 0.9387, -21.1322
Hunter-Lab	50.9519, -14.1081, 3.7082

Details

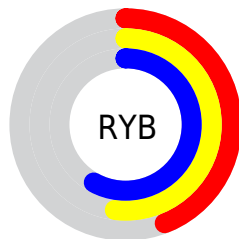
The CIELCh color $58, 14.720, 175.245$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $51, 15.875, 0.033$, and the grayscale version is $56, 0.007, 296.813$.

A 20% lighter version of the original color is $78, 14.877, 174.936$, and $38, 14.621, 175.201$ is the 20% darker color. If you saturate the color by 10%, you get $57, 20.355, 174.175$, and if you desaturate by 10%, it is $59, 8.830, 176.243$.

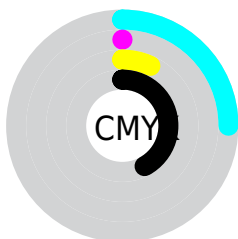
Distribution



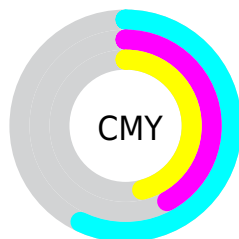
- Red (44%)
- Green (58%)
- Blue (54%)



- Red (44%)
- Yellow (52%)
- Blue (58%)



- Cyan (25%)
- Magenta (0%)
- Yellow (7%)
- Black (42%)




- Cyan (57%)
- Magenta (42%)
- Yellow (46%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 14.720, 175.245 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, 14.720, 175.245 by changing the saturation by 10% instead.

 58, 14.720,
175.245

 58, 14.720,
175.245

 100, 14.720,
175.245


 48, 14.720,
175.245


 78, 14.720,
175.245

 38, 14.720,
175.245

 88, 14.720,
175.245

 28, 14.720,
175.245

 98, 14.720,
175.245

 18, 14.720,
175.245

 8, 14.720, 175.245

 0, 14.720, 175.245

■ 58, 14.720,
175.245

■ 58, 14.720,
175.245

■ 57, 20.355,
174.175

■ 59, 8.830, 176.243

■ 56, 25.637,
173.018

■ 60, 2.771, 177.258

■ 56, 30.468,
171.750

■ 62, 3.378, 357.871

■ 55, 34.762,
170.348

■ 65, 15.706,
359.566

■ 55, 38.453,
168.788

■ 66, 21.795, 0.321

■ 54, 41.514,
167.052

■ 68, 27.795, 1.044

■ 54, 43.972,
165.134

■ 70, 33.686, 1.737

■ 54, 45.212,

■ 71, 39.457, 2.403

Harmonies

Complementary

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



58, 14.720, 175.245



51, 15.875, 0.033

Rectangle

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



58, 14.720, 175.245



58, 14.720, 225.245



58, 14.720, 355.245



58, 14.720, 45.245

Sweetspot

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



58, 14.721, 175.242



76, 5.314, 176.971



58, 22.866, 135.141



40, 3.479, 176.919



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



58, 14.721, 175.242



73, 21.421, 174.710



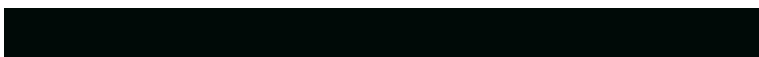
56, 10.997, 222.623



31, 3.472, 176.763



51, 43.074, 164.222



2, 3.064, 177.529

Inverse Universe

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



51, 15.875, 0.033



62, 23.489, 0.692



52, 12.880, 40.919



29, 3.571, 358.304



28, 55.596, 21.581



1, 3.064, 357.515

Previews

White Background



This preview shows how the CIELCh color 58, 14.720, 175.245 looks on a white background.

Color Contrast Check

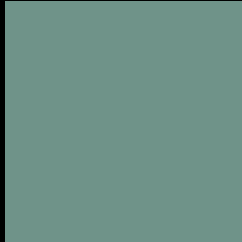
Large Text (above 18pt) WCAG AA ✓ Pass

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 58, 14.720, 175.245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

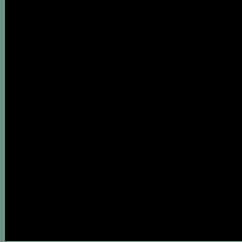
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 14.720, 175.245

Background



This preview shows how black text looks on a background with the CIELCh color 58, 14.720, 175.245.

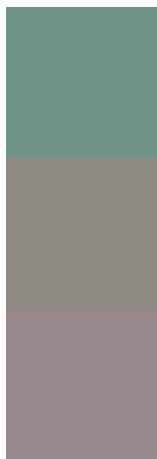


This preview shows how white text looks on a background with the CIELCh color 58, 14.720, 175.245.

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, 14.720, 175.245

Protanopia
58, 3.933, 79.178

Deuteranopia
58, 7.128, 1.590



Tritanopia
58, 12.147, 232.982

Trichromacy



Original Color
58, 14.720, 175.245

Protanomaly
58, 5.615, 153.858

Deuteranomaly
58, 0.967, 163.858

Tritanomaly
58, 11.716, 209.640

Monochromacy



Original Color
58, 14.720, 175.245

Achromatopsia
56, 0.007, 296.813

Achromatomaly
57, 5.329, 180.185

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 14.720, 175.245 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(111, 147, 137)` looks like.

```
.text, #text, p{  
    color:rgb(111, 147, 137)  
}
```

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(111, 147, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 147, 137) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 14.720, 175.245 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(111, 147, 137) }
```

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

```
.border{ border-color:rgb(111, 147, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 147, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 147, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 147, 137);  
box-shadow:4px 4px 4px 4px rgb(111, 147,  
137) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 14.720, 175.245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 147, 137) }
```

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

```
.background{ background-color: rgb(111,  
147, 137) }
```

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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