

Converting Colors

CIELCh(58, 13.876, 160.196)

Have a look what the booklet for
CIELCh(58, 13.876, 160.196)
contains.

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Color

CIELCh(58, 13.859, 160.207)

Conversions

Conversions Part 1

Format	Color
Hex	769283
RGB	118, 146, 131
RGB Percent	46%, 57%, 51%
CMY	0.5381, 0.4283, 0.4871
CMYK	0.19, 0.00, 0.10, 0.43
HSL	148°, 11%, 52%
HSV	148°, 19%, 57%
XYZ	21.7708, 25.9610, 25.2612
YIQ	135.9180, -11.8730, -10.6010

Conversions

Conversions Part 2

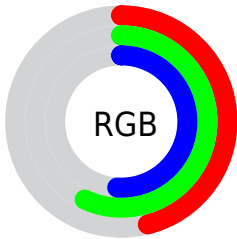
Format	Color
RYB	118, 137, 146
Decimal	7770755
CIELab	58.00, -13.04, 4.69
CIELCh	58, 13.859, 160.207
Yxy	25.9610, 0.2983, 0.3557
Android (android.graphics.Color)	4285960835 (0xFF769283)
YUV	135.9180, -2.4246, -15.7141
Hunter-Lab	50.9519, -12.8962, 6.2713

Details

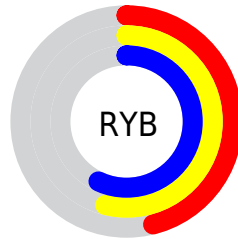
The CIELCh color $58, 13.859, 160.207$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $53, 14.136, 343.329$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $78, 13.991, 160.675$, and $38, 13.486, 161.357$ is the 20% darker color. If you saturate the color by 10%, you get $57, 20.996, 159.226$, and if you desaturate by 10%, it is $59, 6.640, 161.099$.

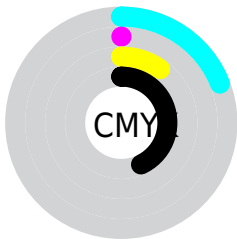
Distribution



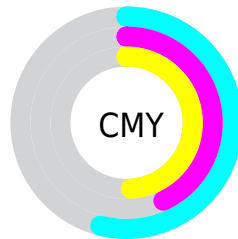
- Red (46%)
- Green (57%)
- Blue (51%)



- Red (46%)
- Yellow (54%)
- Blue (57%)



- Cyan (19%)
- Magenta (0%)
- Yellow (10%)
- Black (43%)




- Cyan (54%)
- Magenta (43%)
- Yellow (49%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 13.859, 160.207 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, 13.859, 160.207 by changing the saturation by 10% instead.

 58, 13.859,
160.207

 58, 13.859,
160.207


 100, 13.859,
160.207

 48, 13.859,
160.207


 78, 13.859,
160.207

 38, 13.859,
160.207

 88, 13.859,
160.207

 28, 13.859,
160.207

 98, 13.859,
160.207

 18, 13.859,
160.207

 8, 13.859, 160.207

 0, 13.859, 160.207

■ 58, 13.859,
160.207

■ 58, 13.859,
160.207

■ 57, 20.996,
159.226

■ 59, 6.640, 161.099

■ 56, 27.945,
158.127

■ 61, 0.580, 341.298

■ 62, 7.732, 342.505

■ 55, 34.593,
156.887

■ 64, 14.766,
343.174

■ 54, 40.823,
155.481

■ 65, 21.647,
343.779

■ 54, 46.526,
153.889

■ 67, 28.352,
344.337

■ 53, 51.617,
152.099


■ 69, 34.866,
344.855


■ 53, 56.055,
150.111

■ 71, 41.184,
345.340

■ 53, 59.954,

148.040

 73, 47.306,
345.796

 53, 60.259,
147.886

Harmonies

Complementary

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



58, 13.859, 160.207



53, 14.136, 343.329

Rectangle

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



58, 13.859, 160.207



58, 13.859, 210.207



58, 13.859, 340.207



58, 13.859, 30.207

Sweetspot

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



58, 13.860, 160.205



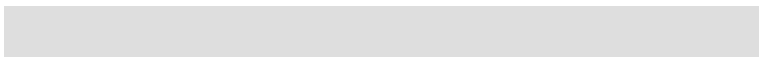
75, 5.338, 161.372



59, 16.583, 126.423



39, 3.530, 161.321



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



58, 13.860, 160.205



73, 20.466, 159.800



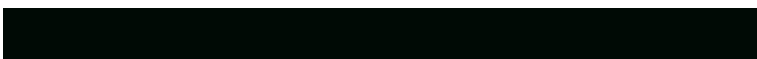
58, 10.424, 194.052



31, 4.124, 161.098



50, 57.652, 148.014



2, 3.608, 161.782

Inverse Universe

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



53, 14.136, 343.329



65, 20.959, 343.724



52, 11.642, 16.765



29, 4.168, 342.452



29, 54.178, 357.643



1, 3.609, 341.773

Previews

White Background



This preview shows how the CIELCh color 58, 13.859, 160.207 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, 13.859, 160.207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

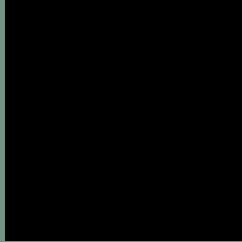
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

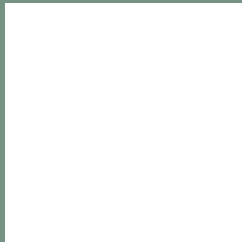
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 58, 13.859, 160.207

Background



This preview shows how black text looks on a background with the CIELCh color 58, 13.859, 160.207.



This preview shows how white text looks on a background with the CIELCh color 58, 13.859, 160.207.

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](#).

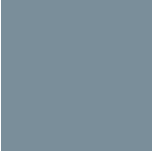
Dichromacy



Original Color
58, 13.859, 160.207

Protanopia
58, 7.081, 92.715

Deuteranopia
58, 8.515, 24.028



Tritanopia
58, 9.804, 243.250

Trichromacy



Original Color
58, 13.859, 160.207

Protanomaly
58, 7.901, 130.030

Deuteranomaly
58, 3.596, 90.312

Tritanomaly
58, 8.639, 210.106

Monochromacy



Original Color
58, 13.859, 160.207

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 5.522, 160.728

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 13.859, 160.207 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(118, 146, 131)` looks like.

```
.text, #text, p{  
    color:rgb(118, 146, 131)  
}
```

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(118, 146, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 146, 131) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 13.859, 160.207 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(118, 146, 131) }
```

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

```
.border{ border-color:rgb(118, 146, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 146, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 146, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 146, 131);  
box-shadow:4px 4px 4px 4px rgb(118, 146,  
131) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 13.859, 160.207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 146, 131) }
```

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

```
.background{ background-color: rgb(118,  
146, 131) }
```

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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