

Converting Colors

CIELCh(58, 13.787, 228.282)

Have a look what the booklet for
CIELCh(58, 13.787, 228.282)
contains.

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Color

CIELCh(58, 13.787, 228.282)

Conversions

Conversions Part 1

Format	Color
Hex	6E919D
RGB	110, 145, 157
RGB Percent	43%, 57%, 62%
CMY	0.5690, 0.4317, 0.3847
CMYK	0.30, 0.08, 0.00, 0.38
HSL	195°, 19%, 52%
HSV	195°, 30%, 62%
XYZ	22.6065, 25.9610, 35.6737
YIQ	135.9030, -24.7120, -3.6880

Conversions

Conversions Part 2

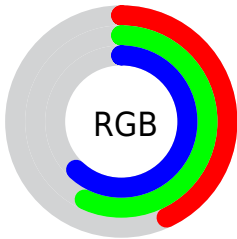
Format	Color
R_{YB}	110, 130, 157
Decimal	7246237
CIE _{Lab}	58.00, -9.17, -10.29
CIE _{LCh}	58, 13.787, 228.282
Yxy	25.9610, 0.2684, 0.3082
Android (android.graphics.Color)	4285436317 (0xFF6E919D)
YUV	135.9030, 10.4008, -22.7169
Hunter-Lab	50.9519, -9.9684, -5.8452

Details

The CIELCh color `58, 13.787, 228.282` is a dark color, and the websafe version is hex `669999`. A complement of this color would be `54, 16.679, 44.954`, and the grayscale version is `57, 0.007, 296.813`.

A 20% lighter version of the original color is `78, 13.838, 229.004`, and `38, 13.904, 227.404` is the 20% darker color. If you saturate the color by 10%, you get `56, 17.750, 229.487`, and if you desaturate by 10%, it is `60, 9.462, 227.355`.

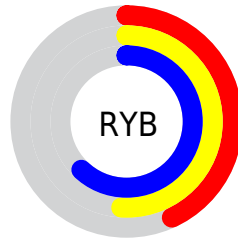
Distribution



Red (43%)

Green (57%)

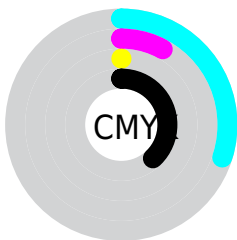
Blue (62%)



Red (43%)

Yellow (51%)

Blue (62%)

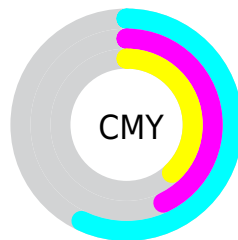


Cyan (30%)

Magenta (8%)

Yellow (0%)

Black (38%)



Cyan (57%)


Magenta (43%)


Yellow (38%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 13.787, 228.282 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, 13.787, 228.282 by changing the saturation by 10% instead.


 58, 13.787,
228.282


 58, 13.787,
228.282


 100, 13.787,
228.282


 48, 13.787,
228.282


 78, 13.787,
228.282

 38, 13.787,
228.282

 88, 13.787,
228.282

 28, 13.787,
228.282

 98, 13.787,
228.282

 18, 13.787,
228.282

 8, 13.787, 228.282

 0, 13.787, 228.282

■ 58, 13.787,
228.282

■ 58, 13.787,
228.282

■ 56, 17.750,
229.487

■ 60, 9.462, 227.355

■ 54, 21.290,
231.048

■ 62, 4.839, 226.683

■ 65, 0.022, 26.112

■ 52, 24.351,
233.039

■ 67, 5.066, 45.561

■ 50, 26.903,
235.549

■ 70, 10.250, 45.307

■ 72, 15.536, 45.109

■ 49, 28.950,
238.659

■ 74, 20.892, 44.968

■ 47, 30.547,
242.428

■ 77, 26.292, 44.874

■ 80, 31.717, 44.819

■ 46, 31.897,
246.663

■ 46, 31.904,

246.683

Harmonies

Complementary

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



58, 13.787, 228.282



54, 16.679, 44.954

Rectangle

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



58, 13.787, 228.282



58, 13.787, 278.282



58, 13.787, 48.282



58, 13.787, 98.282

Sweetspot

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



58, 13.787, 228.277



79, 5.429, 226.643



61, 26.976, 150.056



41, 3.752, 226.715



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



58, 13.787, 228.277



72, 20.050, 229.058



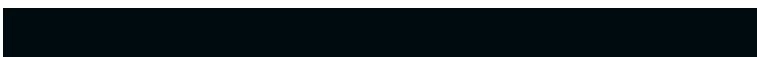
51, 20.785, 281.505



32, 2.771, 226.647



42, 29.713, 246.264



3, 3.672, 230.380

Inverse Universe

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



52, 27.068, 334.540



64, 40.166, 335.038



60, 20.359, 93.661



31, 5.107, 333.096



32, 61.981, 341.365



1, 6.471, 333.898

Previews

White Background



This preview shows how the CIELCh color 58, 13.787, 228.282 looks on a white background.

Color Contrast Check

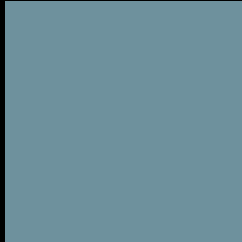
Large Text (above 18pt) WCAG AA ✓ Pass

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, 13.787, 228.282 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, 13.787, 228.282

Background



This preview shows how black text looks on a background with the CIELCh color 58, 13.787, 228.282.



This preview shows how white text looks on a background with the CIELCh color 58, 13.787, 228.282.

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, 13.787, 228.282

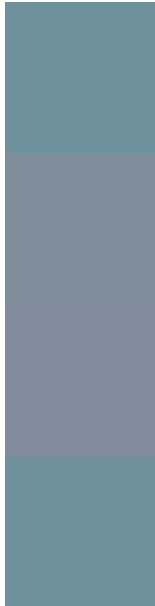
Protanopia
58, 8.542, 288.665

Deuteranopia
58, 14.052, 303.904



Tritanopia
58, 13.787, 228.282

Trichromacy



Original Color
58, 13.787, 228.282

Protanomaly
58, 8.878, 255.766

Deuteranomaly
58, 11.127, 276.255

Tritanomaly
58, 13.787, 228.282

Monochromacy



Original Color
58, 13.787, 228.282

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 5.296, 231.757

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 13.787, 228.282 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(110, 145, 157)` looks like.

```
.text, #text, p{  
    color:rgb(110, 145, 157)  
}
```

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(110, 145, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 145, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 13.787, 228.282 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(110, 145, 157) }
```

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

```
.border{ border-color:rgb(110, 145, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 145, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 145, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 145, 157);  
box-shadow:4px 4px 4px 4px rgb(110, 145,  
157) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 13.787, 228.282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 145, 157) }
```

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

```
.background{ background-color: rgb(110,  
145, 157) }
```

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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