

Converting Colors

CIELCh(57, 10.712, 198.406)

Have a look what the booklet for
CIELCh(57, 10.712, 198.406)
contains.

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Color

CIELCh(57, 10.712, 198.406)

Conversions

Conversions Part 1

Format	Color
Hex	718E8E
RGB	113, 142, 142
RGB Percent	44%, 56%, 56%
CMY	0.5558, 0.4420, 0.4420
CMYK	0.20, 0.00, 0.00, 0.44
HSL	180°, 11%, 50%
HSV	180°, 20%, 56%
XYZ	21.4661, 24.9227, 29.3836
YIQ	133.3290, -17.2840, -6.1480

Conversions

Conversions Part 2

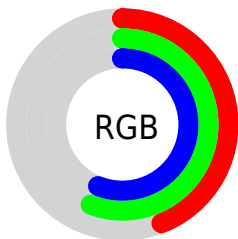
Format	Color
R_{YB}	113, 128, 142
Decimal	7442062
CIE _{Lab}	57.00, -10.16, -3.38
CIE _{LCh}	57, 10.712, 198.406
Yxy	24.9227, 0.2833, 0.3289
Android (android.graphics.Color)	4285632142 (0xFF718E8E)
YUV	133.3290, 4.2748, -17.8285
Hunter-Lab	49.9226, -10.6119, 0.0487

Details

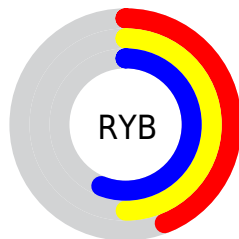
The CIELCh color $57, 10.712, 198.406$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $51, 12.197, 20.805$, and the grayscale version is $56, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 10.926, 198.617$, and $37, 10.853, 198.008$ is the 20% darker color. If you saturate the color by 10%, you get $56, 15.429, 197.941$, and if you desaturate by 10%, it is $58, 5.613, 198.927$.

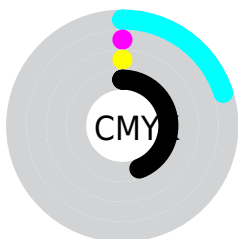
Distribution



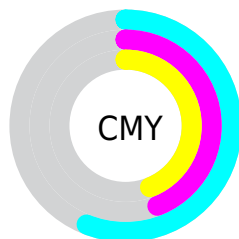
- Red (44%)
- Green (56%)
- Blue (56%)



- Red (44%)
- Yellow (50%)
- Blue (56%)



- Cyan (20%)
- Magenta (0%)
- Yellow (0%)
- Black (44%)





- Cyan (56%)
- Magenta (44%)
- Yellow (44%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 10.712, 198.406 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 57, 10.712, 198.406 by changing the saturation by 10% instead.


 57, 10.712,
198.406


 57, 10.712,
198.406


 100, 10.712,
198.406


 47, 10.712,
198.406


 77, 10.712,
198.406


 37, 10.712,
198.406


 87, 10.712,
198.406

 27, 10.712,
198.406

 97, 10.712,
198.406

 17, 10.712,
198.406

 7, 10.712, 198.406

 0, 10.712, 198.406

■ 57, 10.712,
198.406

■ 57, 10.712,
198.406

■ 56, 15.429,
197.941

■ 58, 5.613, 198.927

■ 55, 19.679,
197.539

■ 59, 0.213, 201.390

■ 60, 5.411, 19.855

■ 55, 23.383,
197.195

■ 62, 11.194, 20.475

■ 54, 26.474,
196.912

■ 63, 17.079, 21.083

■ 65, 23.019, 21.694

■ 54, 28.909,
196.692

■ 66, 28.979, 22.307

■ 54, 30.673,
196.534

■ 68, 34.931, 22.918

■ 70, 40.852, 23.523

■ 53, 31.794,
196.434

■ 53, 32.461,

Harmonies

Complementary

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



57, 10.712, 198.406



51, 12.197, 20.805

Rectangle

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



57, 10.712, 198.406



57, 10.712, 248.406



57, 10.712, 18.406



57, 10.712, 68.406

Sweetspot

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



57, 10.713, 198.400



75, 4.078, 199.199



56, 20.153, 142.767



39, 2.723, 199.159



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



57, 10.713, 198.400



73, 15.493, 198.203



53, 9.673, 256.402



30, 3.069, 198.998



51, 31.269, 196.374



2, 2.121, 199.415

Inverse Universe

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



51, 12.197, 20.805



63, 18.158, 21.202



54, 10.247, 71.182



28, 3.246, 19.882



27, 64.129, 38.795



0, 2.121, 19.398

Previews

White Background



This preview shows how the CIELCh color 57, 10.712, 198.406 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 57, 10.712, 198.406 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

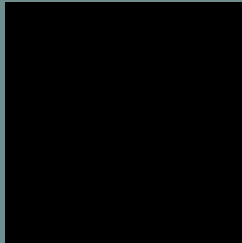
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

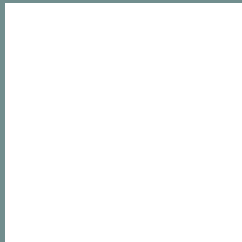
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 57, 10.712, 198.406

Background



This preview shows how black text looks on a background with the CIELCh color 57, 10.712, 198.406.



This preview shows how white text looks on a background with the CIELCh color 57, 10.712, 198.406.

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
57, 10.712, 198.406

Protanopia
57, 1.397, 324.379

Deuteranopia
57, 8.792, 329.138



Tritanopia
57, 11.076, 233.378

Trichromacy



Original Color
57, 10.712, 198.406

Protanomaly
57, 3.612, 217.647

Deuteranomaly
57, 4.060, 279.791

Tritanomaly
57, 10.468, 221.131

Monochromacy



Original Color
57, 10.712, 198.406

Achromatopsia
56, 0.007, 296.813

Achromatomaly
56, 4.231, 199.079

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 10.712, 198.406 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(113, 142, 142)` looks like.

```
.text, #text, p{  
    color:rgb(113, 142, 142)  
}
```

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(113, 142, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 142, 142) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 10.712, 198.406 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(113, 142, 142) }
```

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

```
.border{ border-color:rgb(113, 142, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 142, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 142, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 142, 142);  
box-shadow:4px 4px 4px 4px rgb(113, 142,  
142) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 10.712, 198.406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 142, 142) }
```

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

```
.background{ background-color: rgb(113,  
142, 142) }
```

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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