

Converting Colors

CIELCh(56, 14.449, 197.165)

Have a look what the booklet for
CIELCh(56, 14.449, 197.165)
contains.

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Color

CIELCh(56, 14.405, 198.038)

Conversions

Conversions Part 1

Format	Color
Hex	658D8D
RGB	101, 141, 141
RGB Percent	40%, 55%, 55%
CMY	0.6022, 0.4453, 0.4453
CMYK	0.28, 0.00, 0.00, 0.45
HSL	180°, 16%, 48%
HSV	180°, 28%, 55%
XYZ	19.8496, 23.9124, 28.9452
YIQ	129.0400, -23.8400, -8.4800

Conversions

Conversions Part 2

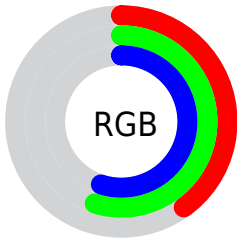
Format	Color
RYB	101, 121, 141
Decimal	6655373
CIELab	56.00, -13.70, -4.46
CIElCh	56, 14.405, 198.038
Yxy	23.9124, 0.2730, 0.3289
Android (android.graphics.Color)	4284845453 (0xFF658D8D)
YUV	129.0400, 5.8963, -24.5911
Hunter-Lab	48.9003, -13.1189, -0.8649

Details

The CIELCh color `56, 14.405, 198.038` is a dark color, and the websafe version is hex `669999`. A complement of this color would be `47, 17.344, 21.600`, and the grayscale version is `54, 0.007, 296.813`.

A 20% lighter version of the original color is `76, 14.556, 198.326`, and `36, 14.434, 197.532` is the 20% darker color. If you saturate the color by 10%, you get `55, 18.740, 197.620`, and if you desaturate by 10%, it is `57, 9.624, 198.505`.

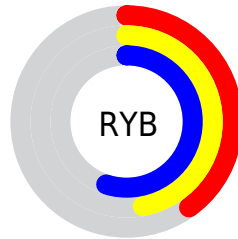
Distribution



Red (40%)

Green (55%)

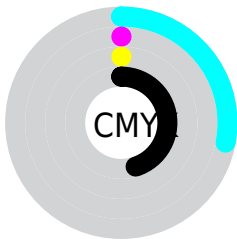
Blue (55%)



Red (40%)

Yellow (47%)

Blue (55%)

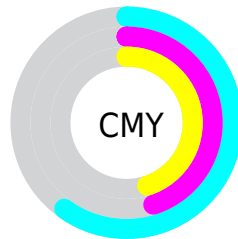


Cyan (28%)

Magenta (0%)

Yellow (0%)

Black (45%)



Cyan (60%)

Magenta (45%)


Yellow (45%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 56, 14.405, 198.038 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 56, 14.405, 198.038 by changing the saturation by 10% instead.

 56, 14.405,
198.038


 56, 14.405,
198.038


 100, 14.405,
198.038


 46, 14.405,
198.038


 76, 14.405,
198.038

 36, 14.405,
198.038

 86, 14.405,
198.038

 26, 14.405,
198.038

 96, 14.405,
198.038

 16, 14.405,
198.038

 6, 14.405, 198.038

 0, 14.405, 198.038

■ 56, 14.405,
198.038

■ 56, 14.405,
198.038

■ 55, 18.740,
197.620

■ 57, 9.624, 198.505

■ 55, 22.548,
197.263

■ 58, 4.479, 199.055

■ 59, 0.948, 19.042

■ 54, 25.758,
196.968

■ 60, 6.584, 19.990

■ 54, 28.323,
196.735

■ 62, 12.364, 20.603

■ 63, 18.235, 21.211

■ 53, 30.221,
196.564

■ 65, 24.154, 21.822

■ 53, 31.469,
196.451

■ 66, 30.086, 22.434

■ 68, 36.004, 23.044

■ 53, 32.206,
196.385

■ 53, 32.322,

Harmonies

Complementary

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



56, 14.405, 198.038



47, 17.344, 21.600

Rectangle

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



56, 14.405, 198.038



56, 14.405, 248.038



56, 14.405, 18.038



56, 14.405, 68.038

Sweetspot

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



56, 14.405, 198.034



74, 5.351, 199.062



55, 27.831, 142.170



38, 3.777, 198.978



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



56, 14.405, 198.034



71, 20.899, 197.761



50, 13.275, 257.754



30, 3.069, 198.999



51, 31.269, 196.375



2, 2.121, 199.415

Inverse Universe

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



47, 17.344, 21.600



57, 26.392, 22.375



52, 14.424, 70.255



28, 3.246, 19.882



27, 64.129, 38.796



0, 2.121, 19.398

Previews

White Background



This preview shows how the CIE LCh color 56, 14.405, 198.038 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 56, 14.405, 198.038 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 56, 14.405, 198.038

Background



This preview shows how black text looks on a background with the CIELCh color 56, 14.405, 198.038.



This preview shows how white text looks on a background with the CIELCh color 56, 14.405, 198.038.

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
56, 14.405, 198.038

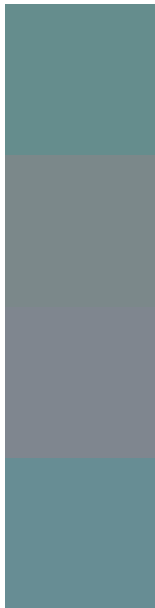
Protanopia
56, 1.903, 314.689

Deuteranopia
56, 9.316, 320.910



Tritanopia
56, 13.895, 225.481

Trichromacy



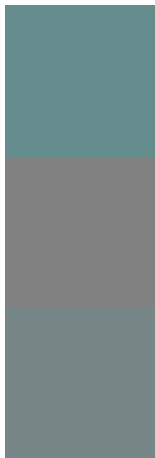
Original Color
56, 14.405, 198.038

Protanomaly
56, 5.064, 212.115

Deuteranomaly
56, 5.748, 263.380

Tritanomaly
56, 13.880, 215.103

Monochromacy



Original Color
56, 14.405, 198.038

Achromatopsia
54, 0.007, 296.813

Achromatomaly
55, 5.748, 198.891

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 14.405, 198.038 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(101, 141, 141)` looks like.

```
.text, #text, p{  
    color:rgb(101, 141, 141)  
}
```

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(101, 141, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 141, 141) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 14.405, 198.038 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(101, 141, 141) }
```

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

```
.border{ border-color:rgb(101, 141, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 141, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 141, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 141, 141);  
box-shadow:4px 4px 4px 4px rgb(101, 141,  
141) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 14.405, 198.038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 141, 141) }
```

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

```
.background{ background-color: rgb(101,  
141, 141) }
```

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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