

Converting Colors

CIELCh(56, 10.507, 245.113)

Have a look what the booklet for
CIELCh(56, 10.507, 245.113)
contains.

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Color

CIELCh(56, 10.466, 244.461)

Conversions

Conversions Part 1

Format	Color
Hex	748996
RGB	116, 137, 150
RGB Percent	45%, 54%, 59%
CMY	0.5440, 0.4617, 0.4107
CMYK	0.23, 0.09, 0.00, 0.41
HSL	203°, 14%, 52%
HSV	203°, 23%, 59%
XYZ	21.7510, 23.9124, 32.4420
YIQ	132.2030, -16.6890, -0.4090

Conversions

Conversions Part 2

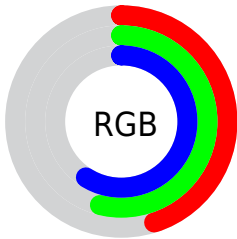
Format	Color
R_{YB}	116, 129, 150
Decimal	7637398
CIE _{Lab}	56.00, -4.51, -9.44
CIE _{LCh}	56, 10.466, 244.461
Yxy	23.9124, 0.2785, 0.3062
Android (android.graphics.Color)	4285827478 (0xFF748996)
YUV	132.2030, 8.7739, -14.2100
Hunter-Lab	48.9003, -6.1781, -5.1046

Details

The CIELCh color `56, 10.466, 244.461` is a dark color, and the websafe version is hex `999999`. A complement of this color would be `56, 11.595, 59.622`, and the grayscale version is `55, 0.007, 296.813`.

A 20% lighter version of the original color is `76, 10.350, 245.994`, and `36, 10.404, 244.796` is the 20% darker color. If you saturate the color by 10%, you get `53, 14.801, 246.063`, and if you desaturate by 10%, it is `59, 5.938, 243.154`.

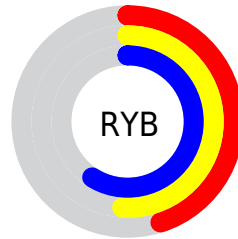
Distribution



Red (45%)

Green (54%)

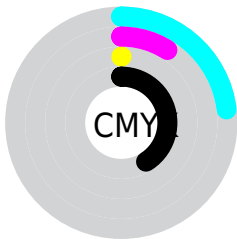
Blue (59%)



Red (45%)

Yellow (51%)

Blue (59%)

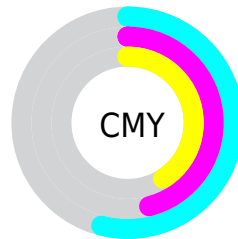


Cyan (23%)

Magenta (9%)

Yellow (0%)

Black (41%)



Cyan (54%)


Magenta (46%)


Yellow (41%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 56, 10.466, 244.461 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, 10.466, 244.461 by changing the saturation by 10% instead.


 56, 10.466,
244.461

 56, 10.466,
244.461


 100, 10.466,
244.461


 46, 10.466,
244.461


 76, 10.466,
244.461

 36, 10.466,
244.461

 86, 10.466,
244.461

 26, 10.466,
244.461

 96, 10.466,
244.461

 16, 10.466,
244.461

 6, 10.466, 244.461

 0, 10.466, 244.461

■ 56, 10.466,
244.461

■ 56, 10.466,
244.461

■ 53, 14.801,
246.063

■ 59, 5.938, 243.154

■ 61, 1.257, 242.293

■ 51, 18.908,
248.034

■ 64, 3.543, 60.992

■ 48, 22.755,
250.438

■ 67, 8.430, 60.301

■ 46, 26.325,
253.347

■ 70, 13.378, 59.688

■ 73, 18.365, 59.164

■ 44, 29.628,
256.823

■ 76, 23.373, 58.717

■ 41, 32.711,
260.888

■ 79, 28.387, 58.334

■ 81, 33.395, 58.002

■ 39, 35.661,
265.495

■ 38, 37.877,

268.933

Harmonies

Complementary

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



56, 10.466, 244.461



56, 11.595, 59.622

Rectangle

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



56, 10.466, 244.461



56, 10.466, 294.461



56, 10.466, 64.461



56, 10.466, 114.461

Sweetspot

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



56, 10.466, 244.455



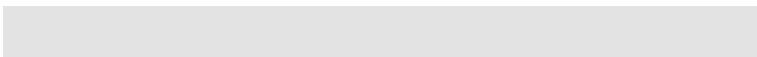
77, 4.126, 242.575



59, 18.031, 155.347



41, 2.700, 242.625



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



56, 10.466, 244.455



70, 15.386, 245.205



51, 17.208, 286.914



30, 2.635, 242.777



35, 35.336, 268.496



1, 2.335, 241.759

Inverse Universe

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



53, 18.080, 339.523



65, 26.864, 339.943



60, 16.611, 101.727



29, 4.413, 338.441



29, 55.971, 350.640



1, 3.827, 337.815

Previews

White Background



This preview shows how the CIELCh color 56, 10.466, 244.461 looks on a white background.

Color Contrast Check

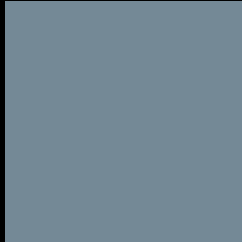
Large Text (above 18pt) WCAG AA ✓ Pass

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 56, 10.466, 244.461 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

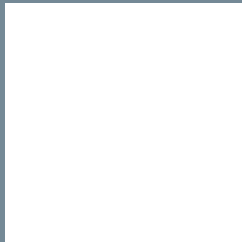
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 56, 10.466, 244.461

Background



This preview shows how black text looks on a background with the CIELCh color 56, 10.466, 244.461.



This preview shows how white text looks on a background with the CIELCh color 56, 10.466, 244.461.

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, 10.466, 244.461

Protanopia

56, 8.599, 288.702

Deuteranopia

56, 13.123, 306.550



Tritanopia
56, 10.013, 237.946

Trichromacy



Original Color
56, 10.466, 244.461

Protanomaly
56, 8.603, 268.329

Deuteranomaly
56, 10.328, 287.283

Tritanomaly
56, 10.013, 237.946

Monochromacy



Original Color
56, 10.466, 244.461

Achromatopsia
55, 0.007, 296.813

Achromatomaly
55, 4.149, 243.071

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 10.466, 244.461 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(116, 137, 150)` looks like.

```
.text, #text, p{  
    color:rgb(116, 137, 150)  
}
```

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(116, 137, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 137, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 10.466, 244.461 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(116, 137, 150) }
```

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

```
.border{ border-color:rgb(116, 137, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 137, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 137, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 137, 150);  
box-shadow:4px 4px 4px 4px rgb(116, 137,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 10.466, 244.461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 137, 150) }
```

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

```
.background{ background-color: rgb(116,  
137, 150) }
```

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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