

Converting Colors

CIELCh(56, 4.808, 265.858)

Have a look what the booklet for
CIELCh(56, 4.808, 265.858) contains.

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Color

CIELCh(56, 4.573, 260.697)

Conversions

Conversions Part 1

Format	Color
Hex	81878E
RGB	129, 135, 142
RGB Percent	51%, 53%, 56%
CMY	0.4945, 0.4709, 0.4435
CMYK	0.09, 0.05, 0.00, 0.44
HSL	212°, 5%, 53%
HSV	212°, 9%, 56%
XYZ	22.5660, 23.9124, 28.9806
YIQ	134.0040, -5.8230, 0.9050

Conversions

Conversions Part 2

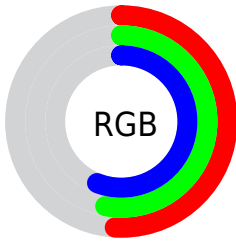
Format	Color
R_{YB}	129, 133, 142
Decimal	8488846
CIE _{Lab}	56.00, -0.74, -4.51
CIE _{LCh}	56, 4.573, 260.697
Yxy	23.9124, 0.2990, 0.3169
Android (android.graphics.Color)	4286678926 (0xFF81878E)
YUV	134.0040, 3.9420, -4.3885
Hunter-Lab	48.9003, -3.2033, -0.9078

Details

The CIELCh color $56, 4.573, 260.697$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $57, 4.641, 78.285$, and the grayscale version is $56, 0.007, 296.813$.

A 20% lighter version of the original color is $76, 4.786, 263.733$, and $36, 4.761, 265.555$ is the 20% darker color. If you saturate the color by 10%, you get $53, 9.545, 262.144$, and if you desaturate by 10%, it is $59, 0.413, 78.713$.

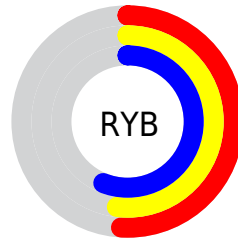
Distribution



Red (51%)

Green (53%)

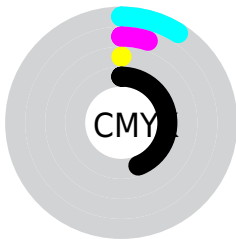
Blue (56%)



Red (51%)

Yellow (52%)

Blue (56%)

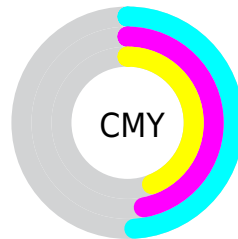


Cyan (9%)

Magenta (5%)

Yellow (0%)

Black (44%)



Cyan (49%)

Magenta (47%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 56, 4.573, 260.697 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, 4.573, 260.697 by changing the saturation by 10% instead.

■ 56, 4.573, 260.697

■ 56, 4.573, 260.697

■ 100, 4.573,
260.697

■ 46, 4.573, 260.697

■ 76, 4.573, 260.697

■ 36, 4.573, 260.697

■ 86, 4.573, 260.697

■ 26, 4.573, 260.697

■ 96, 4.573, 260.697

■ 16, 4.573, 260.697

■ 6, 4.573, 260.697

■ 0, 4.573, 260.697

■ 56, 4.573, 260.697

■ 56, 4.573, 260.697

■ 53, 9.545, 262.144

■ 59, 0.413, 78.713

■ 50, 14.491,

■ 63, 5.399, 78.202

263.890

66, 10.372, 77.277

46, 19.400,
265.952

69, 15.323, 76.459

43, 24.268,
268.379

72, 20.241, 75.738

40, 29.102,
271.217

76, 25.121, 75.101

37, 33.925,
274.491

79, 29.956, 74.533

34, 38.779,
278.188

82, 34.742, 74.024

32, 43.721,
282.228

85, 39.074, 74.367

29, 48.819,
286.299

Harmonies

Complementary

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



56, 4.573, 260.697



57, 4.641, 78.285

Rectangle

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



56, 4.573, 260.697



56, 4.573, 310.697



56, 4.573, 80.697



56, 4.573, 130.697

Sweetspot

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



56, 4.572, 260.681



73, 1.853, 259.993



58, 6.151, 164.780



38, 1.399, 260.054



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, 4.572, 260.681



70, 6.773, 260.960



54, 7.496, 292.354



28, 2.833, 260.684



27, 47.323, 286.402



1, 1.917, 259.456

Inverse Universe

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



55, 6.217, 346.482



69, 9.237, 346.674



59, 7.341, 110.680



28, 3.852, 346.484



28, 52.720, 4.363



1, 2.571, 345.763

Previews

White Background



This preview shows how the CIELCh color 56, 4.573, 260.697 looks on a white background.

Color Contrast Check

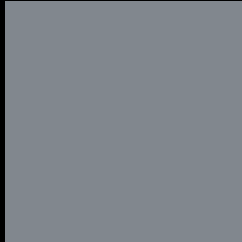
Large Text (above 18pt) WCAG AA ✓ Pass

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, 4.573, 260.697 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

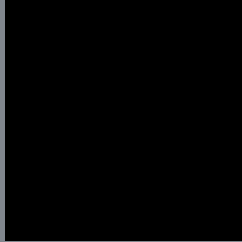
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

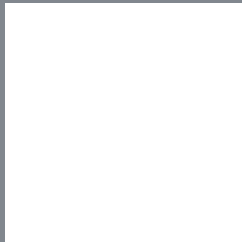
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 56, 4.573, 260.697

Background



This preview shows how black text looks on a background with the CIELCh color 56, 4.573, 260.697.



This preview shows how white text looks on a background with the CIELCh color 56, 4.573, 260.697.

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, 4.573, 260.697

Protanopia

56, 4.610, 295.525

Deuteranopia

56, 9.040, 324.902



Tritanopia
56, 6.541, 274.180

Trichromacy



Original Color
56, 4.573, 260.697

Protanomaly
56, 4.071, 279.800

Deuteranomaly
56, 6.747, 310.944

Tritanomaly
56, 5.997, 272.484

Monochromacy



Original Color
56, 4.573, 260.697

Achromatopsia
56, 0.007, 296.813

Achromatomaly
56, 1.878, 265.984

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 4.573, 260.697 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(129, 135, 142)` looks like.

```
.text, #text, p{  
    color:rgb(129, 135, 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(129, 135, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 135, 142) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 4.573, 260.697 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(129, 135, 142) }
```

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

```
.border{ border-color:rgb(129, 135, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 135, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 135, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 135, 142);  
box-shadow:4px 4px 4px 4px rgb(129, 135,  
142) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 4.573, 260.697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 135, 142) }
```

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

```
.background{ background-color: rgb(129,  
135, 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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