

Converting Colors

CIELCh(56, 3.617, 213.905)

Have a look what the booklet for
CIELCh(56, 3.617, 213.905) contains.

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Color

CIELCh(56, 3.621, 217.648)

Conversions

Conversions Part 1

Format	Color
Hex	7F888A
RGB	127, 136, 138
RGB Percent	50%, 53%, 54%
CMY	0.5024, 0.4671, 0.4593
CMYK	0.08, 0.01, 0.00, 0.46
HSL	191°, 4%, 52%
HSV	191°, 8%, 54%
XYZ	22.1039, 23.9124, 27.4532
YIQ	133.5370, -6.0060, -1.2860

Conversions

Conversions Part 2

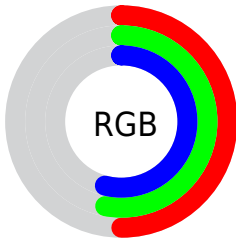
Format	Color
R_{YB}	127, 132, 138
Decimal	8358026
CIE _{Lab}	56.00, -2.87, -2.21
CIE _{LCh}	56, 3.621, 217.648
Yxy	23.9124, 0.3009, 0.3255
Android (android.graphics.Color)	4286548106 (0xFF7F888A)
YUV	133.5370, 2.2003, -5.7329
Hunter-Lab	48.9003, -4.8900, 0.9442

Details

The CIELCh color $56, 3.621, 217.648$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $55, 3.799, 37.175$, and the grayscale version is $56, 0.007, 296.813$.

A 20% lighter version of the original color is $76, 3.427, 217.643$, and $36, 3.505, 219.867$ is the 20% darker color. If you saturate the color by 10%, you get $54, 7.948, 217.856$, and if you desaturate by 10%, it is $58, 0.937, 36.894$.

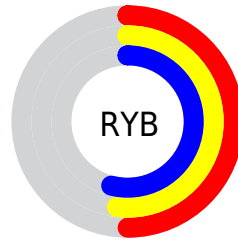
Distribution



Red (50%)

Green (53%)

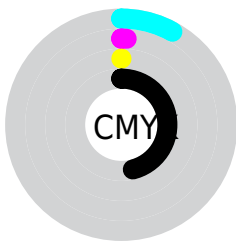
Blue (54%)



Red (50%)

Yellow (52%)

Blue (54%)

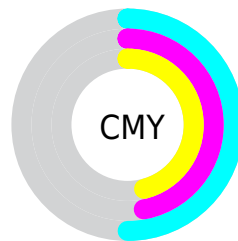


Cyan (8%)

Magenta (1%)

Yellow (0%)

Black (46%)



Cyan (50%)

Magenta (47%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 56, 3.621, 217.648 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, 3.621, 217.648 by changing the saturation by 10% instead.

■ 56, 3.621, 217.648

■ 56, 3.621, 217.648

■ 100, 3.621,
217.648

■ 46, 3.621, 217.648

■ 76, 3.621, 217.648

■ 36, 3.621, 217.648

■ 86, 3.621, 217.648

■ 26, 3.621, 217.648

■ 96, 3.621, 217.648

■ 16, 3.621, 217.648

■ 6, 3.621, 217.648

■ 0, 3.621, 217.648

■ 56, 3.621, 217.648

■ 56, 3.621, 217.648

■ 54, 7.948, 217.856

■ 58, 0.937, 36.894

■ 53, 11.982,

■ 60, 5.674, 37.188

218.287

62, 10.545, 37.218

51, 15.658,
218.922

64, 15.511, 37.283

50, 18.910,
219.806

66, 20.543, 37.383

48, 21.675,
220.993

68, 25.615, 37.513

47, 23.907,
222.549

70, 30.707, 37.664

46, 25.583,
224.546

72, 35.805, 37.830

45, 26.720,
227.052

44, 27.453,
230.018

74, 40.895, 38.006

Harmonies

Complementary

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



56, 3.621, 217.648



55, 3.799, 37.175

Rectangle

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



56, 3.621, 217.648



56, 3.621, 267.648



56, 3.621, 37.648



56, 3.621, 87.648

Sweetspot

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



56, 3.621, 217.625



72, 1.137, 217.837



56, 6.837, 148.940



38, 0.644, 217.867



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



56, 3.621, 217.625



71, 5.574, 217.654



55, 4.425, 272.160



28, 2.552, 217.638



42, 26.825, 230.475



1, 1.211, 217.382

Inverse Universe

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



54, 6.784, 330.331



68, 10.515, 330.473



56, 4.422, 90.131



27, 4.797, 330.406



30, 61.970, 336.772



0, 2.213, 329.892

Previews

White Background



This preview shows how the CIELCh color 56, 3.621, 217.648 looks on a white background.

Color Contrast Check

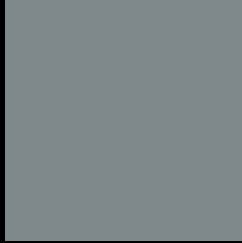
Large Text (above 18pt) WCAG AA ✓ Pass

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, 3.621, 217.648 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

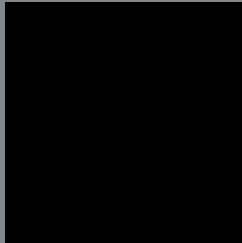
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

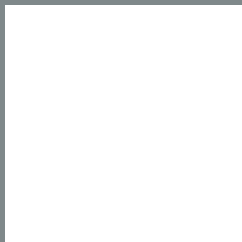
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 56, 3.621, 217.648

Background



This preview shows how black text looks on a background with the CIELCh color 56, 3.621, 217.648.



This preview shows how white text looks on a background with the CIELCh color 56, 3.621, 217.648.

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, 3.621, 217.648

Protanopia

56, 2.099, 324.466

Deuteranopia

56, 7.862, 339.357



Tritanopia
56, 6.249, 265.916

Trichromacy



Original Color

56, 3.621, 217.648

Protanomaly

56, 1.760, 277.643

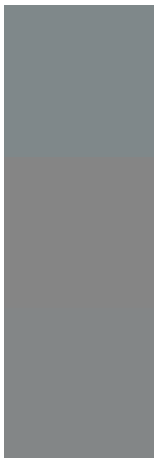
Deuteranomaly

56, 4.672, 320.680

Tritanomaly

56, 4.765, 256.723

Monochromacy



Original Color

56, 3.621, 217.648

Achromatopsia

56, 0.007, 296.813

Achromatomaly

56, 1.297, 225.854

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 3.621, 217.648 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(127, 136, 138)` looks like.

```
.text, #text, p{  
    color:rgb(127, 136, 138)  
}
```

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(127, 136, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 136, 138) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 3.621, 217.648 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(127, 136, 138) }
```

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

```
.border{ border-color:rgb(127, 136, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 136, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 136, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 136, 138);  
box-shadow:4px 4px 4px 4px rgb(127, 136,  
138) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 3.621, 217.648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 136, 138) }
```

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

```
.background{ background-color: rgb(127,  
136, 138) }
```

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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