

Converting Colors

CIELCh(56, 5.280, 210.401)

Have a look what the booklet for
CIELCh(56, 5.280, 210.401) contains.

CIELCh(56, 5.420, 211.191)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(56, 5.420, 211.191)

Conversions

Conversions Part 1

Format	Color
Hex	7B898B
RGB	123, 137, 139
RGB Percent	48%, 54%, 55%
CMY	0.5182, 0.4633, 0.4554
CMYK	0.12, 0.01, 0.00, 0.46
HSL	187°, 6%, 51%
HSV	187°, 12%, 54%
XYZ	21.7245, 23.9124, 27.8430
YIQ	133.0420, -8.9860, -2.3460

Conversions

Conversions Part 2

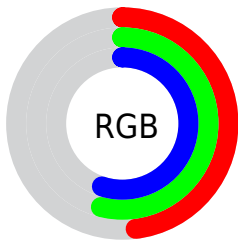
Format	Color
R_{YB}	123, 130, 139
Decimal	8096139
CIE _{Lab}	56.00, -4.64, -2.81
CIE _{LCh}	56, 5.420, 211.191
Yxy	23.9124, 0.2957, 0.3254
Android (android.graphics.Color)	4286286219 (0xFF7B898B)
YUV	133.0420, 2.9373, -8.8068
Hunter-Lab	48.9003, -6.2749, 0.4715

Details

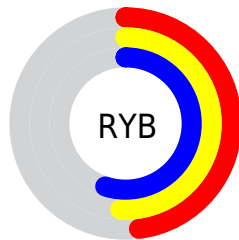
The CIELCh color **56, 5.420, 211.191** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **54, 5.829, 31.276**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **76, 5.146, 211.222**, and **36, 5.397, 212.120** is the 20% darker color. If you saturate the color by 10%, you get **55, 9.834, 211.193**, and if you desaturate by 10%, it is **58, 0.733, 211.724**.

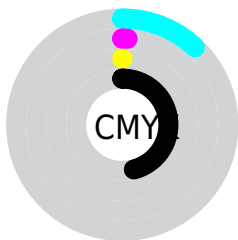
Distribution



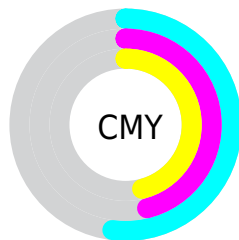
- Red (48%)
- Green (54%)
- Blue (55%)



- Red (48%)
- Yellow (51%)
- Blue (55%)



- Cyan (12%)
- Magenta (1%)
- Yellow (0%)
- Black (46%)



- Cyan (52%)
- Magenta (46%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 56, 5.420, 211.191 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, 5.420, 211.191 by changing the saturation by 10% instead.

■ 56, 5.420, 211.191

■ 56, 5.420, 211.191

■ 100, 5.420,
211.191

■ 46, 5.420, 211.191

■ 76, 5.420, 211.191

■ 36, 5.420, 211.191

■ 86, 5.420, 211.191

■ 26, 5.420, 211.191

■ 96, 5.420, 211.191

■ 16, 5.420, 211.191

■ 6, 5.420, 211.191

■ 0, 5.420, 211.191

■ 56, 5.420, 211.191

■ 56, 5.420, 211.191

■ 55, 9.834, 211.193

■ 58, 0.733, 211.724

■ 53, 13.905,

■ 59, 4.166, 31.167

211.356

61, 9.223, 31.406

52, 17.560,
211.680

63, 14.393, 31.649

51, 20.726,
212.197

65, 19.640, 31.917

50, 23.341,
212.948

66, 24.932, 32.204

49, 25.360,
213.976

70, 35.567, 32.814

48, 26.765,
215.331

72, 40.877, 33.126

47, 27.582,
217.057

47, 28.004,
218.711

Harmonies

Complementary

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



56, 5.420, 211.191



54, 5.829, 31.276

Rectangle

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



56, 5.420, 211.191



56, 5.420, 261.191



56, 5.420, 31.191



56, 5.420, 81.191

Sweetspot

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



56, 5.420, 211.177



73, 1.790, 211.420



56, 10.315, 147.107



39, 1.365, 211.358



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, 5.420, 211.177



71, 8.118, 211.165



54, 6.104, 268.455



28, 2.653, 211.199



44, 27.090, 218.601



1, 1.260, 211.177

Inverse Universe

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



53, 10.278, 328.673



67, 15.532, 328.838



56, 6.152, 85.473



27, 4.993, 328.531



30, 64.657, 333.746



0, 2.304, 328.037

Previews

White Background



This preview shows how the CIELCh color 56, 5.420, 211.191 looks on a white background.

Color Contrast Check

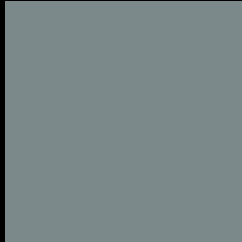
Large Text (above 18pt) WCAG AA ✓ Pass

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, 5.420, 211.191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

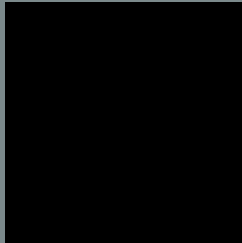
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

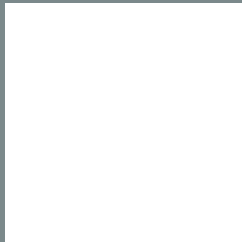
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 56, 5.420, 211.191

Background



This preview shows how black text looks on a background with the CIELCh color 56, 5.420, 211.191.



This preview shows how white text looks on a background with the CIELCh color 56, 5.420, 211.191.

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, 5.420, 211.191

Protanopia

56, 2.592, 317.357

Deuteranopia

56, 7.964, 334.318



Tritanopia
56, 7.173, 252.285

Trichromacy



Original Color

56, 5.420, 211.191

Protanomaly

56, 2.554, 263.461

Deuteranomaly

56, 4.866, 309.293

Tritanomaly

56, 5.964, 241.458

Monochromacy



Original Color

56, 5.420, 211.191

Achromatopsia

56, 0.007, 296.813

Achromatomaly

56, 2.019, 215.929

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 5.420, 211.191 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(123, 137, 139)` looks like.

```
.text, #text, p{  
    color:rgb(123, 137, 139)  
}
```

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(123, 137, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 137, 139) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 5.420, 211.191 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(123, 137, 139) }
```

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

```
.border{ border-color:rgb(123, 137, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 137, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 137, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 137, 139);  
box-shadow:4px 4px 4px 4px rgb(123, 137,  
139) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 5.420, 211.191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 137, 139) }
```

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

```
.background{ background-color: rgb(123,  
137, 139) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor