

Converting Colors

CIELCh(56, 22.056, 197.389)

Have a look what the booklet for
CIELCh(56, 22.056, 197.389)
contains.

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Color

CIELCh(56, 21.980, 197.360)

Conversions

Conversions Part 1

Format	Color
Hex	4F9191
RGB	79, 145, 145
RGB Percent	31%, 57%, 57%
CMY	0.6907, 0.4318, 0.4318
CMYK	0.46, 0.00, 0.00, 0.43
HSL	180°, 29%, 44%
HSV	180°, 46%, 57%
XYZ	18.4235, 23.9124, 30.3850
YIQ	125.2660, -39.3360, -13.9920

Conversions

Conversions Part 2

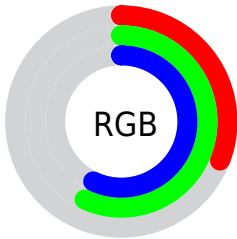
Format	Color
RYB	79, 112, 145
Decimal	5214609
CIELab	56.00, -20.98, -6.56
CIElCh	56, 21.980, 197.360
Yxy	23.9124, 0.2533, 0.3288
Android (android.graphics.Color)	4283404689 (0xFF4F9191)
YUV	125.2660, 9.7289, -40.5753
Hunter-Lab	48.9003, -18.3248, -2.6105

Details

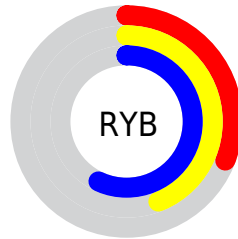
The CIELCh color **56, 21.980, 197.360** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **41, 30.213, 24.032**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **76, 21.825, 197.795**, and **36, 21.788, 198.336** is the 20% darker color. If you saturate the color by 10%, you get **55, 25.419, 197.046**, and if you desaturate by 10%, it is **57, 17.948, 197.730**.

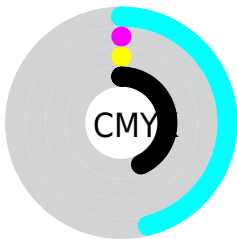
Distribution



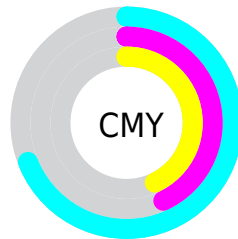
- Red (31%)
- Green (57%)
- Blue (57%)



- Red (31%)
- Yellow (44%)
- Blue (57%)



- Cyan (46%)
- Magenta (0%)
- Yellow (0%)
- Black (43%)





- Cyan (69%)
- Magenta (43%)
- Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 56, 21.980, 197.360 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, 21.980, 197.360 by changing the saturation by 10% instead.


 56, 21.980,
197.360


 56, 21.980,
197.360


 100, 21.980,
197.360


 46, 21.980,
197.360


 76, 21.980,
197.360

 36, 21.980,
197.360

 86, 21.980,
197.360

 26, 21.980,
197.360

 96, 21.980,
197.360

 16, 21.980,
197.360

 6, 21.980, 197.360

 0, 21.980, 197.360

■ 56, 21.980,
197.360

■ 56, 21.980,
197.360

■ 55, 25.419,
197.046

■ 57, 17.948,
197.730

■ 55, 28.209,
196.796

■ 57, 13.398,
198.160

■ 55, 30.320,
196.609

■ 58, 8.414, 198.648

■ 59, 3.082, 199.247

■ 54, 31.759,
196.483

■ 61, 2.518, 19.477

■ 54, 32.591,
196.410

■ 62, 8.312, 20.166

■ 54, 32.890,
196.384

■ 63, 14.237, 20.777

■ 65, 20.243, 21.387

■ 66, 26.285, 22.000

Harmonies

Complementary

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



56, 21.980, 197.360



41, 30.213, 24.032

Rectangle

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



56, 21.980, 197.360



56, 21.980, 247.360



56, 21.980, 17.360



56, 21.980, 67.360

Sweetspot

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



56, 21.980, 197.358



75, 9.427, 198.715



55, 45.162, 140.619



39, 6.452, 198.613



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



56, 21.980, 197.358



71, 31.111, 197.029



46, 21.449, 261.482



30, 3.069, 199.004



51, 31.268, 196.384



2, 2.121, 199.421

Inverse Universe

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



41, 30.213, 24.032



49, 46.582, 26.149



49, 24.713, 68.195



28, 3.246, 19.887



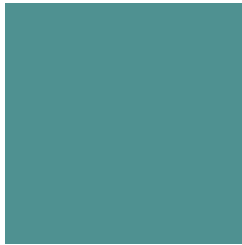
27, 64.131, 38.798



0, 2.121, 19.404

Previews

White Background



This preview shows how the CIELCh color 56, 21.980, 197.360 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, 21.980, 197.360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

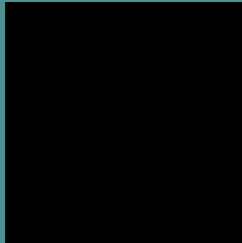
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 21.980, 197.360

Background



This preview shows how black text looks on a background with the CIELCh color 56, 21.980, 197.360.

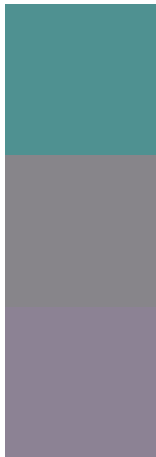


This preview shows how white text looks on a background with the CIELCh color 56, 21.980, 197.360.

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, 21.980, 197.360

Protanopia

56, 2.984, 305.651

Deuteranopia

56, 11.058, 311.487



Tritanopia
56, 20.640, 217.335

Trichromacy



Original Color
56, 21.980, 197.360

Protanomaly
56, 8.435, 214.528

Deuteranomaly
55, 9.151, 248.021

Tritanomaly
56, 20.882, 208.725

Monochromacy



Original Color
56, 21.980, 197.360

Achromatopsia
52, 0.007, 296.813

Achromatomaly
53, 9.048, 198.523

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 21.980, 197.360 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(79, 145, 145)` looks like.

```
.text, #text, p{  
    color:rgb(79, 145, 145)  
}
```

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(79, 145, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 145, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 21.980, 197.360 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(79, 145, 145) }
```

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

```
.border{ border-color:rgb(79, 145, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 145, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 145, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 145, 145);  
box-shadow:4px 4px 4px 4px rgb(79, 145,  
145) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 21.980, 197.360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 145, 145) }
```

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

```
.background{ background-color: rgb(79, 145,  
145) }
```

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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