

Converting Colors

CIELCh(56, 31.061, 218.869)

Have a look what the booklet for
CIELCh(56, 31.061, 218.869)
contains.

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Color

CIELCh(56, 31.051, 218.892)

Conversions

Conversions Part 1

Format	Color
Hex	1793A7
RGB	23, 147, 167
RGB Percent	9%, 58%, 65%
CMY	0.9079, 0.4228, 0.3443
CMYK	0.86, 0.12, 0.00, 0.34
HSL	188°, 75%, 37%
HSV	188°, 86%, 66%
XYZ	17.8210, 23.9124, 40.3308
YIQ	112.2040, -80.3240, -20.0680

Conversions

Conversions Part 2

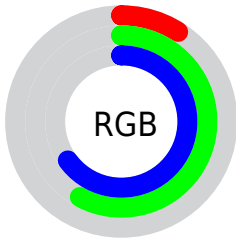
Format	Color
R_{YB}	23, 90, 167
Decimal	1545127
CIE _{Lab}	56.00, -24.17, -19.50
CIE _{LCh}	56, 31.051, 218.892
Yxy	23.9124, 0.2172, 0.2914
Android (android.graphics.Color)	4279735207 (0xFF1793A7)
YUV	112.2040, 27.0144, -78.2319
Hunter-Lab	48.9003, -20.5239, -14.6695

Details

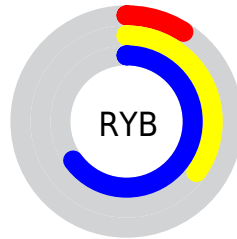
The CIELCh color **56, 31.051, 218.892** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **38, 64.287, 40.000**, and the grayscale version is **47, 0.006, 296.813**.

A 20% lighter version of the original color is **76, 30.959, 219.127**, and **37, 24.190, 226.487** is the 20% darker color. If you saturate the color by 10%, you get **55, 31.679, 221.152**, and if you desaturate by 10%, it is **57, 29.797, 217.072**.

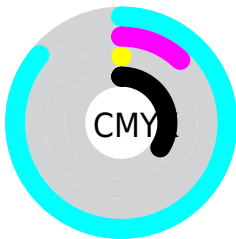
Distribution



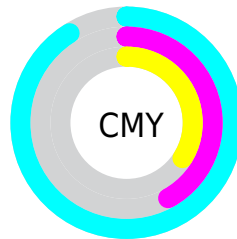
- Red (9%)
- Green (58%)
- Blue (65%)



- Red (9%)
- Yellow (35%)
- Blue (65%)



- Cyan (86%)
- Magenta (12%)
- Yellow (0%)
- Black (34%)





- Cyan (91%)
- Magenta (42%)
- Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 56, 31.051, 218.892 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, 31.051, 218.892 by changing the saturation by 10% instead.


 56, 31.051,
218.892


 56, 31.051,
218.892


 100, 31.051,
218.892


 46, 31.051,
218.892


 76, 31.051,
218.892

 36, 31.051,
218.892

 86, 31.051,
218.892

 26, 31.051,
218.892

 96, 31.051,
218.892

 16, 31.051,
218.892

 6, 31.051, 218.892

 0, 31.051, 218.892

■ 56, 31.051,
218.892

■ 56, 31.051,
218.892

■ 55, 31.679,
221.152

■ 57, 29.797,
217.072

■ 55, 31.868,
222.118

■ 58, 27.843,
215.658

■ 59, 25.181,
214.592

■ 61, 21.847,
213.819

■ 62, 17.906,
213.287

■ 64, 13.439,
212.954

■ 66, 8.533, 212.788

■ 67, 3.272, 212.815

Harmonies

Complementary

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



56, 31.051, 218.892



38, 64.287, 40.000

Rectangle

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



56, 31.051, 218.892



56, 31.051, 268.892



56, 31.051, 38.892



56, 31.051, 88.892

Sweetspot

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



56, 31.050, 218.891



81, 16.597, 212.966



60, 78.362, 139.179



42, 11.203, 213.060



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



56, 31.050, 218.891



70, 38.638, 222.649



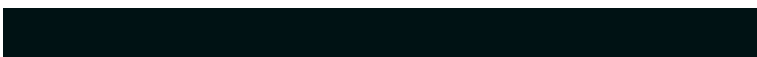
34, 56.788, 289.173



35, 3.099, 212.772



49, 29.136, 221.823



4, 5.613, 217.954

Inverse Universe

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



40, 73.143, 333.699



50, 91.570, 334.755



52, 55.216, 75.951



33, 5.841, 329.007



34, 69.175, 334.548



2, 10.248, 330.063

Previews

White Background



This preview shows how the CIELCh color 56, 31.051, 218.892 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, 31.051, 218.892 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

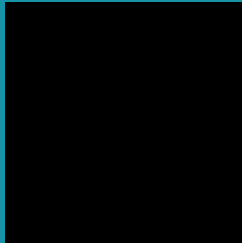
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 31.051, 218.892

Background



This preview shows how black text looks on a background with the CIELCh color 56, 31.051, 218.892.

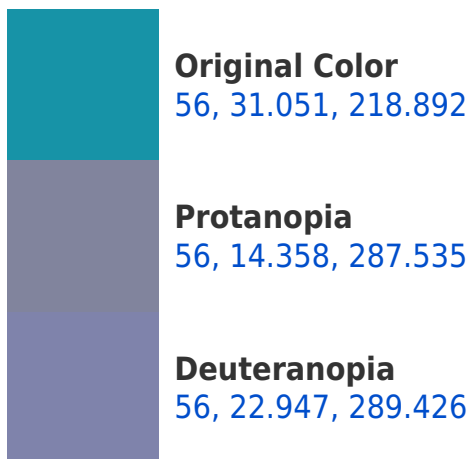


This preview shows how white text looks on a background with the CIELCh color 56, 31.051, 218.892.

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





Tritanopia
56, 31.980, 209.259

Trichromacy



Original Color
56, 31.051, 218.892



Protanomaly
55, 19.730, 240.709



Deuteranomaly
55, 23.545, 252.702



Tritanomaly
56, 31.680, 212.714

Monochromacy



Original Color
56, 31.051, 218.892



Achromatopsia
47, 0.006, 296.813



Achromatomaly
50, 16.037, 212.823

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 31.051, 218.892 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(23, 147, 167)` looks like.

```
.text, #text, p{  
    color:rgb(23, 147, 167)  
}
```

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(23, 147, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 147, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 31.051, 218.892 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(23, 147, 167) }
```

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

```
.border{ border-color:rgb(23, 147, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(23, 147, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 147, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 147, 167);  
box-shadow:4px 4px 4px 4px rgb(23, 147,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 31.051, 218.892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 147, 167) }
```

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

```
.background{ background-color: rgb(23, 147,  
167) }
```

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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