

Converting Colors

CIELCh(56, 20.246, 132.904)

Have a look what the booklet for
CIELCh(56, 20.246, 132.904)
contains.

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Color

CIELCh(56, 19.964, 132.329)

Conversions

Conversions Part 1

Format	Color
Hex	788C6C
RGB	120, 140, 108
RGB Percent	47%, 55%, 42%
CMY	0.5286, 0.4501, 0.5757
CMYK	0.14, 0.00, 0.23, 0.45
HSL	98°, 13%, 49%
HSV	98°, 23%, 55%
XYZ	19.9005, 23.9124, 17.8102
YIQ	130.3720, -1.6480, -14.1920

Conversions

Conversions Part 2

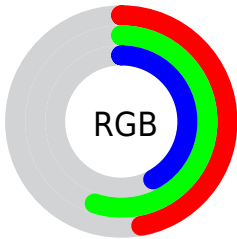
Format	Color
RYB	108, 140, 128
Decimal	7900268
CIELab	56.00, -13.44, 14.76
CIELCh	56, 19.964, 132.329
Yxy	23.9124, 0.3229, 0.3880
Android (android.graphics.Color)	4286090348 (0xFF788C6C)
YUV	130.3720, -11.0294, -9.0962
Hunter-Lab	48.9003, -12.9330, 12.6360

Details

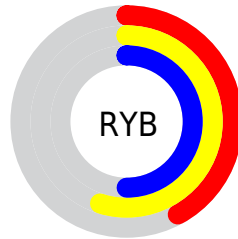
The CIELCh color **56, 19.964, 132.329** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **49, 20.402, 314.259**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **76, 19.926, 132.315**, and **36, 20.268, 132.168** is the 20% darker color. If you saturate the color by 10%, you get **55, 28.666, 131.844**, and if you desaturate by 10%, it is **57, 11.203, 132.792**.

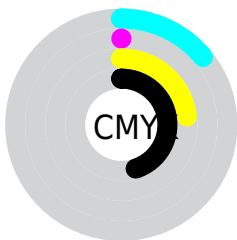
Distribution



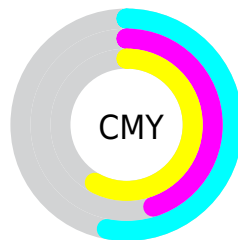
- Red (47%)
- Green (55%)
- Blue (42%)



- Red (42%)
- Yellow (55%)
- Blue (50%)



- Cyan (14%)
- Magenta (0%)
- Yellow (23%)
- Black (45%)





- Cyan (53%)
- Magenta (45%)
- Yellow (58%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 56, 19.964, 132.329 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, 19.964, 132.329 by changing the saturation by 10% instead.


 56, 19.964,
132.329


 56, 19.964,
132.329


 100, 19.964,
132.329


 46, 19.964,
132.329


 76, 19.964,
132.329

 36, 19.964,
132.329

 86, 19.964,
132.329

 26, 19.964,
132.329

 96, 19.964,
132.329

 16, 19.964,
132.329

 6, 19.964, 132.329

 0, 19.964, 132.329

■ 56, 19.964,
132.329

■ 56, 19.964,
132.329

■ 55, 28.666,
131.844

■ 57, 11.203,
132.792

■ 54, 37.197,
131.352

■ 58, 2.457, 133.251

■ 54, 45.408,
130.886

■ 59, 6.218, 313.561

■ 53, 53.087,
130.506

■ 60, 14.782,
313.911

■ 52, 59.951,
130.297

■ 62, 23.208,
314.213

■ 52, 65.652,
130.373

■ 63, 31.477,
314.478


■ 52, 69.862,
130.847

■ 64, 39.579,
314.709

■ 51, 72.301,

■ 66, 47.506,
314.910

131.251

 67, 55.257,
315.085

Harmonies

Complementary

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



56, 19.964, 132.329



49, 20.402, 314.259

Rectangle

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



56, 19.964, 132.329



56, 19.964, 182.329



56, 19.964, 312.329



56, 19.964, 2.329

Sweetspot

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



56, 19.965, 132.330



73, 7.514, 133.044



54, 12.485, 84.052



38, 4.922, 133.023



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, 19.965, 132.330



70, 29.080, 132.103



55, 20.687, 146.280



29, 4.849, 132.956



49, 69.370, 131.172



1, 2.249, 133.313

Inverse Universe

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



49, 20.402, 314.259



60, 29.853, 314.468



50, 20.726, 329.077



27, 4.896, 313.665



22, 74.623, 315.400



0, 2.249, 313.310

Previews

White Background



This preview shows how the CIELCh color 56, 19.964, 132.329 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, 19.964, 132.329 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

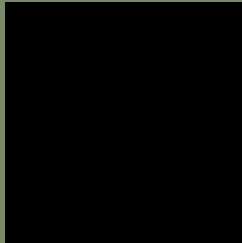
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 19.964, 132.329

Background



This preview shows how black text looks on a background with the CIELCh color 56, 19.964, 132.329.



This preview shows how white text looks on a background with the CIELCh color 56, 19.964, 132.329.

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, 19.964, 132.329

Protanopia
56, 16.930, 95.005

Deuteranopia
56, 15.254, 62.108



Tritanopia
56, 7.071, 262.502

Trichromacy



Original Color
56, 19.964, 132.329

Protanomaly
56, 17.014, 109.542

Deuteranomaly
56, 13.650, 92.369

Tritanomaly
56, 5.852, 169.603

Monochromacy



Original Color
56, 19.964, 132.329

Achromatopsia
55, 0.007, 296.813

Achromatomaly
55, 6.916, 133.371

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 19.964, 132.329 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(120, 140, 108)` looks like.

```
.text, #text, p{  
    color:rgb(120, 140, 108)  
}
```

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(120, 140, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 140, 108) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 19.964, 132.329 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(120, 140, 108) }
```

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

```
.border{ border-color:rgb(120, 140, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 140, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 140, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 140, 108);  
box-shadow:4px 4px 4px 4px rgb(120, 140,  
108) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 19.964, 132.329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 140, 108) }
```

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

```
.background{ background-color: rgb(120,  
140, 108) }
```

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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