

Converting Colors

CIELCh(56, 39.232, 24.245)

Have a look what the booklet for
CIELCh(56, 39.232, 24.245) contains.

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Color

CIELCh(56, 39.439, 24.263)

Conversions

Conversions Part 1

Format	Color
Hex	C76C6C
RGB	199, 108, 108
RGB Percent	78%, 42%, 42%
CMY	0.2200, 0.5768, 0.5768
CMYK	0.00, 0.46, 0.46, 0.22
HSL	0°, 45%, 60%
HSV	0°, 46%, 78%
XYZ	31.5781, 23.9124, 17.1125
YIQ	135.2090, 54.2360, 19.2920

Conversions

Conversions Part 2

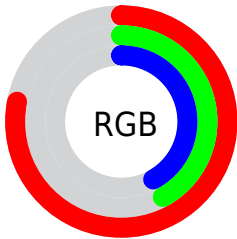
Format	Color
RYB	199, 108, 108
Decimal	13069420
CIELab	56.00, 35.96, 16.21
CIELCh	56, 39.439, 24.263
Yxy	23.9124, 0.4349, 0.3294
Android (android.graphics.Color)	4291259500 (0xFFC76C6C)
YUV	135.2090, -13.4140, 55.9447
Hunter-Lab	48.9003, 29.6935, 13.4819

Details

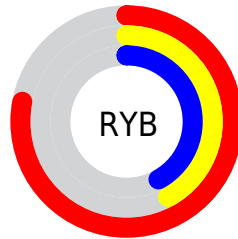
The CIELCh color **56, 39.439, 24.263** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **75, 28.391, 197.316**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **76, 38.045, 24.454**, and **36, 39.435, 24.324** is the 20% darker color. If you saturate the color by 10%, you get **52, 49.388, 26.372**, and if you desaturate by 10%, it is **61, 29.816, 22.648**.

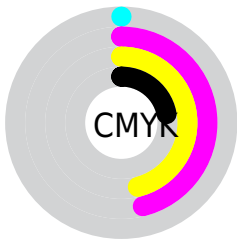
Distribution



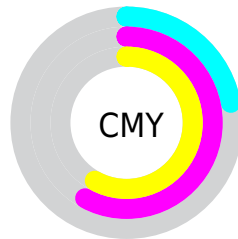
- Red (78%)
- Green (42%)
- Blue (42%)



- Red (78%)
- Yellow (42%)
- Blue (42%)



- Cyan (0%)
- Magenta (46%)
- Yellow (46%)
- Black (22%)



- Cyan (22%)
- Magenta (58%)
- Yellow (58%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 56, 39.439, 24.263 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, 39.439, 24.263 by changing the saturation by 10% instead.

 56, 39.439, 24.263

 56, 39.439, 24.263

 100, 39.439,
24.263

 46, 39.439, 24.263

 76, 39.439, 24.263

 36, 39.439, 24.263

 86, 39.439, 24.263

 26, 39.439, 24.263

 96, 39.439, 24.263

 16, 39.439, 24.263

 6, 39.439, 24.263

 0, 39.439, 24.263

 56, 39.439, 24.263

 56, 39.439, 24.263

 52, 49.388, 26.372

 61, 29.816, 22.648

 48, 59.398, 29.060

 66, 20.701, 21.406

45, 69.085, 32.331

71, 12.180, 20.442

43, 77.844, 35.899

77, 4.273, 19.628

42, 84.375, 38.880

83, 3.041, 199.367

41, 86.728, 40.000

88, 9.808, 198.793

94, 16.081,
198.413

96, 18.439,
198.286

Harmonies

Complementary

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



56, 39.439, 24.263



75, 28.391, 197.316

Rectangle

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



56, 39.439, 24.263



56, 39.439, 74.263



56, 39.439, 204.263



56, 39.439, 254.263

Sweetspot

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



56, 39.437, 24.266



90, 13.171, 20.312



59, 58.681, 326.839



47, 9.171, 20.498



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



56, 39.437, 24.266



66, 59.629, 26.387



67, 32.392, 69.722



39, 4.279, 19.924



34, 74.644, 39.776



3, 15.885, 19.406

Inverse Universe

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



75, 28.391, 197.316



93, 39.492, 197.004



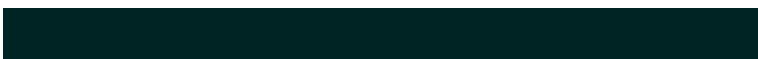
62, 28.396, 263.708



41, 4.034, 198.980



61, 35.888, 196.388



12, 12.983, 196.388

Previews

White Background



This preview shows how the CIELCh color 56, 39.439, 24.263 looks on a white background.

Color Contrast Check

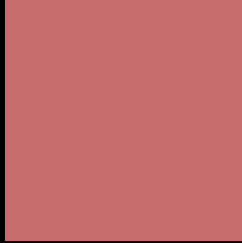
Large Text (above 18pt) WCAG AA ✓ Pass

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, 39.439, 24.263 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

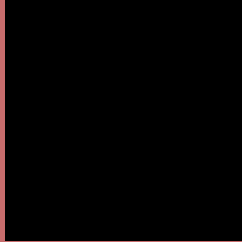
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 39.439, 24.263

Background



This preview shows how black text looks on a background with the CIELCh color 56, 39.439, 24.263.



This preview shows how white text looks on a background with the CIELCh color 56, 39.439, 24.263.

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, 39.439, 24.263

Protanopia

56, 7.798, 90.854

Deuteranopia

56, 19.230, 67.366



Tritanopia
56, 39.124, 17.942

Trichromacy



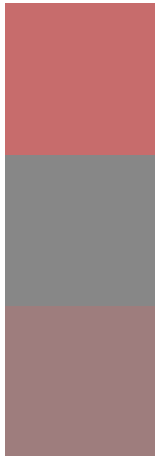
Original Color
56, 39.439, 24.263

Protanomaly
56, 16.218, 39.192

Deuteranomaly
56, 24.869, 42.817

Tritanomaly
56, 39.362, 20.380

Monochromacy



Original Color
56, 39.439, 24.263

Achromatopsia
56, 0.007, 296.813

Achromatomaly
55, 13.648, 20.875

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 39.439, 24.263 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(199, 108, 108)` looks like.

```
.text, #text, p{  
    color:rgb(199, 108, 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(199, 108, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 108, 108) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 39.439, 24.263 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(199, 108, 108) }
```

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

```
.border{ border-color:rgb(199, 108, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 108, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 108, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 108, 108);  
box-shadow:4px 4px 4px 4px rgb(199, 108,  
108) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 39.439, 24.263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 108, 108) }
```

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

```
.background{ background-color: rgb(199,  
108, 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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