

Converting Colors

CIELCh(56, 39.969, 24.341)

Have a look what the booklet for
CIELCh(56, 39.969, 24.341) contains.

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Color

CIELCh(56, 40.364, 24.409)

Conversions

Conversions Part 1

Format	Color
Hex	C86B6B
RGB	200, 107, 107
RGB Percent	78%, 42%, 42%
CMY	0.2150, 0.5798, 0.5798
CMYK	0.00, 0.46, 0.46, 0.22
HSL	0°, 46%, 60%
HSV	0°, 46%, 78%
XYZ	31.7977, 23.9124, 16.8881
YIQ	134.8070, 55.4280, 19.7160

Conversions

Conversions Part 2

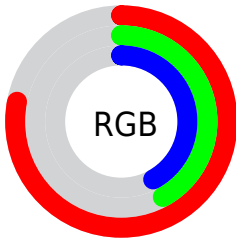
Format	Color
R_{YB}	200, 107, 107
Decimal	13134699
CIE _{Lab}	56.00, 36.76, 16.68
CIE _{LCh}	56, 40.364, 24.409
Yxy	23.9124, 0.4380, 0.3294
Android (android.graphics.Color)	4291324779 (0xFFC86B6B)
YUV	134.8070, -13.7089, 57.1743
Hunter-Lab	48.9003, 30.4951, 13.7539

Details

The CIELCh color **56, 40.364, 24.409** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **75, 28.879, 197.301**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **75, 38.503, 24.494**, and **36, 40.313, 23.914** is the 20% darker color. If you saturate the color by 10%, you get **52, 50.380, 26.559**, and if you desaturate by 10%, it is **61, 30.659, 22.761**.

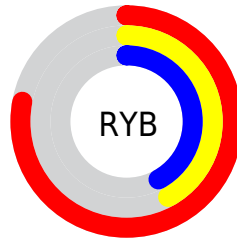
Distribution



Red (78%)

Green (42%)

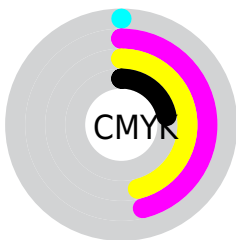
Blue (42%)



Red (78%)

Yellow (42%)

Blue (42%)

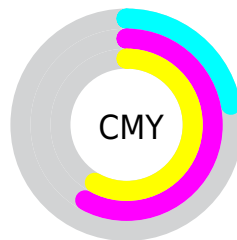


Cyan (0%)

Magenta (46%)

Yellow (46%)

Black (22%)



Cyan (22%)

Magenta (58%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 56, 40.364, 24.409 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, 40.364, 24.409 by changing the saturation by 10% instead.

56, 40.364, 24.409

56, 40.364, 24.409

100, 40.364,
24.409

46, 40.364, 24.409

76, 40.364, 24.409

36, 40.364, 24.409

86, 40.364, 24.409

26, 40.364, 24.409

96, 40.364, 24.409

16, 40.364, 24.409

6, 40.364, 24.409

0, 40.364, 24.409

56, 40.364, 24.409

56, 40.364, 24.409

52, 50.380, 26.559

61, 30.659, 22.761

48, 60.432, 29.293

66, 21.456, 21.495

■ 45, 70.126, 32.603

■ 71, 12.846, 20.514

■ 43, 78.819, 36.166

■ 77, 4.854, 19.699

■ 42, 85.173, 39.067

■ 83, 2.540, 199.450

■ 42, 87.142, 40.001

■ 88, 9.379, 198.834

■ 94, 15.718,
198.447

■ 96, 18.051,
198.311

Harmonies

Complementary

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



56, 40.364, 24.409



75, 28.879, 197.301

Rectangle

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



56, 40.364, 24.409



56, 40.364, 74.409



56, 40.364, 204.409



56, 40.364, 254.409

Sweetspot

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



56, 40.362, 24.412



90, 13.170, 20.320



59, 59.843, 326.873



47, 9.171, 20.506



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, 40.362, 24.412



65, 60.852, 26.638



67, 33.135, 69.627



39, 4.278, 19.932



34, 74.643, 39.778



3, 15.884, 19.411

Inverse Universe

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



75, 28.879, 197.301



93, 39.959, 196.988



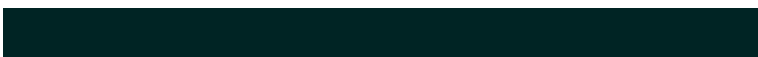
62, 28.980, 263.905



41, 4.034, 198.989



61, 35.882, 196.404



12, 12.982, 196.400

Previews

White Background



This preview shows how the CIELCh color 56, 40.364, 24.409 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, 40.364, 24.409 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

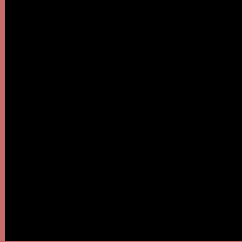
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 40.364, 24.409

Background



This preview shows how black text looks on a background with the CIELCh color 56, 40.364, 24.409.



This preview shows how white text looks on a background with the CIELCh color 56, 40.364, 24.409.

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, 40.364, 24.409

Protanopia

56, 8.343, 91.981

Deuteranopia

56, 19.683, 68.328



Tritanopia
56, 40.436, 18.366

Trichromacy



Original Color
56, 40.364, 24.409

Protanomaly
55, 17.082, 38.345

Deuteranomaly
56, 24.869, 42.817

Tritanomaly
56, 40.598, 19.938

Monochromacy



Original Color
56, 40.364, 24.409

Achromatopsia
56, 0.007, 296.813

Achromatomaly
56, 14.072, 20.923

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 40.364, 24.409 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(200, 107, 107)` looks like.

```
.text, #text, p{  
    color:rgb(200, 107, 107)  
}
```

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(200, 107, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 107, 107) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 40.364, 24.409 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(200, 107, 107) }
```

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

```
.border{ border-color:rgb(200, 107, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 107, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 107, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 107, 107);  
box-shadow:4px 4px 4px 4px rgb(200, 107,  
107) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 40.364, 24.409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 107, 107) }
```

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

```
.background{ background-color: rgb(200,  
107, 107) }
```

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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