

Converting Colors

CIELCh(40, 10.178, 56.550)

Have a look what the booklet for
CIELCh(40, 10.178, 56.550) contains.

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Color

CIELCh(40, 10.178, 56.550)

Conversions

Conversions Part 1

Format	Color
Hex	6D5B51
RGB	109, 91, 81
RGB Percent	43%, 36%, 32%
CMY	0.5738, 0.6443, 0.6835
CMYK	0.00, 0.17, 0.26, 0.57
HSL	21°, 15%, 37%
HSV	21°, 26%, 43%
XYZ	11.4568, 11.2510, 9.2939
YIQ	95.2420, 13.9380, 0.7060

Conversions

Conversions Part 2

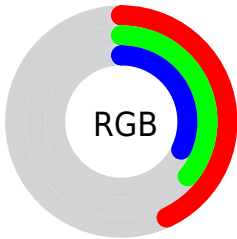
Format	Color
R_{YB}	109, 97, 81
Decimal	7166801
CIE Lab	40.00, 5.61, 8.49
CIE LCh	40, 10.178, 56.550
Yxy	11.2510, 0.3580, 0.3516
Android (android.graphics.Color)	4285356881 (0xFF6D5B51)
YUV	95.2420, -7.0213, 12.0658
Hunter-Lab	33.5425, 2.2694, 7.0517

Details

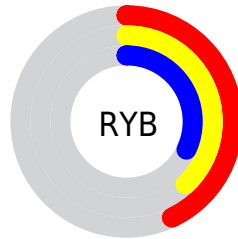
The CIELCh color **40, 10.178, 56.550** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **41, 8.993, 241.499**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **60, 10.304, 56.713**, and **20, 10.442, 56.001** is the 20% darker color. If you saturate the color by 10%, you get **38, 14.615, 55.833**, and if you desaturate by 10%, it is **42, 6.022, 57.321**.

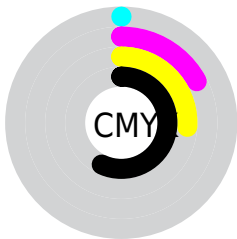
Distribution



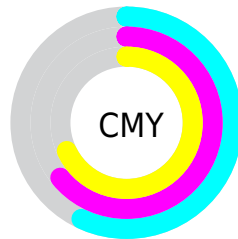
- Red (43%)
- Green (36%)
- Blue (32%)



- Red (43%)
- Yellow (38%)
- Blue (32%)



- Cyan (0%)
- Magenta (17%)
- Yellow (26%)
- Black (57%)



- Cyan (57%)
- Magenta (64%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 40, 10.178, 56.550 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 40, 10.178, 56.550 by changing the saturation by 10% instead.

■ 40, 10.178, 56.550

■ 40, 10.178, 56.550

■ 100, 10.178,
56.550

■ 30, 10.178, 56.550

■ 60, 10.178, 56.550

■ 20, 10.178, 56.550

■ 70, 10.178, 56.550

■ 10, 10.178, 56.550

■ 80, 10.178, 56.550

■ 0, 10.178, 56.550

■ 90, 10.178, 56.550

■ 40, 10.178, 56.550

■ 40, 10.178, 56.550

■ 38, 14.615, 55.833

■ 42, 6.022, 57.321

■ 36, 19.347, 55.163

■ 45, 2.126, 58.045

■ 34, 24.369, 54.557

■ 47, 1.533, 239.221

■ 32, 29.644, 54.006

■ 49, 4.982, 239.929

■ 30, 35.070, 53.464

■ 52, 8.242, 240.749

■ 28, 40.413, 52.806

■ 54, 11.337,
241.574

■ 26, 45.186, 51.774

■ 56, 14.285,
242.390

■ 26, 47.107, 51.396

■ 59, 17.104,
243.189

■ 61, 19.810,
243.967

Harmonies

Complementary

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



40, 10.178, 56.550



41, 8.993, 241.499

Rectangle

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



40, 10.178, 56.550



40, 10.178, 106.550



40, 10.178, 236.550



40, 10.178, 286.550

Sweetspot

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



40, 10.178, 56.559



56, 3.680, 57.885



38, 16.133, 338.206



29, 2.646, 57.797



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

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



40, 10.178, 56.559



50, 15.419, 56.113



44, 14.251, 100.553



21, 2.077, 57.833



28, 50.337, 51.478



58, 89.399, 49.824

Inverse Universe

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



41, 8.993, 241.499



51, 13.177, 242.394



37, 14.781, 286.410



21, 1.999, 239.572



30, 29.730, 263.751



62, 53.151, 266.997

Previews

White Background



This preview shows how the CIELCh color 40, 10.178, 56.550 looks on a white 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

Black Background



This preview shows how the CIELCh color 40, 10.178, 56.550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

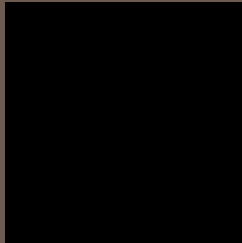
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 40, 10.178, 56.550

Background



This preview shows how black text looks on a background with the CIELCh color 40, 10.178, 56.550.

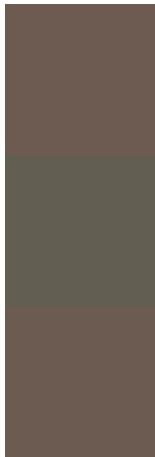


This preview shows how white text looks on a background with the CIELCh color 40, 10.178, 56.550.

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


40, 10.178, 56.550

Protanopia

40, 7.603, 92.150

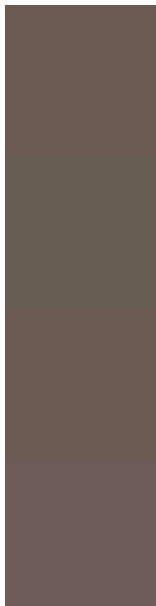
Deuteranopia

40, 9.811, 58.117



Tritanopia
40, 9.681, 358.757

Trichromacy



Original Color
40, 10.178, 56.550

Protanomaly
40, 8.034, 75.530

Deuteranomaly
40, 9.811, 58.117

Tritanomaly
40, 8.719, 20.573

Monochromacy



Original Color
40, 10.178, 56.550

Achromatopsia
40, 0.006, 296.813

Achromatomaly
40, 3.511, 50.865

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 40, 10.178, 56.550 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(109, 91, 81)` looks like.

```
.text, #text, p{  
    color:rgb(109, 91, 81)  
}
```

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(109, 91, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 91, 81) }
```

Border

The CSS property to change the border of an element to CIELCh 40, 10.178, 56.550 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(109, 91, 81) }
```

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

```
.border{ border-color:rgb(109, 91, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 91, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 91, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 91, 81);  
box-shadow:4px 4px 4px 4px rgb(109, 91,  
81) }
```

Background

The CSS property to change the background color of an element to CIELCh 40, 10.178, 56.550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 91, 81) }
```

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

```
.background{ background-color: rgb(109, 91,  
81) }
```

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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