

Converting Colors

CIELCh(41, 8.662, 180.285)

Have a look what the booklet for
CIELCh(41, 8.662, 180.285) contains.

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Color

CIELCh(41, 8.667, 177.812)

Conversions

Conversions Part 1

Format	Color
Hex	516560
RGB	81, 101, 96
RGB Percent	32%, 40%, 38%
CMY	0.6829, 0.6045, 0.6241
CMYK	0.20, 0.00, 0.05, 0.60
HSL	165°, 11%, 36%
HSV	165°, 20%, 40%
XYZ	10.1259, 11.8645, 12.7884
YIQ	94.4500, -10.3150, -5.7950

Conversions

Conversions Part 2

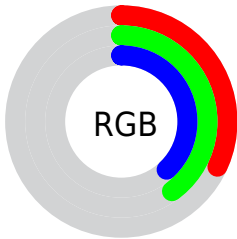
Format	Color
R_{YB}	81, 92, 101
Decimal	5334368
CIE _{Lab}	41.00, -8.66, 0.33
CIE _{LCh}	41, 8.667, 177.812
Y _{xy}	11.8645, 0.2912, 0.3411
Android (android.graphics.Color)	4283524448 (0xFF516560)
YUV	94.4500, 0.7641, -11.7957
Hunter-Lab	34.4449, -7.8045, 2.0988

Details

The CIELCh color **41, 8.667, 177.812** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **37, 9.237, 1.378**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **61, 8.689, 175.745**, and **21, 8.374, 178.912** is the 20% darker color. If you saturate the color by 10%, you get **40, 12.833, 176.837**, and if you desaturate by 10%, it is **42, 4.345, 178.744**.

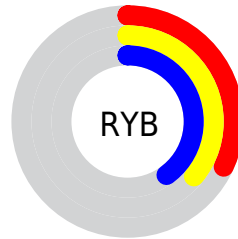
Distribution



Red (32%)

Green (40%)

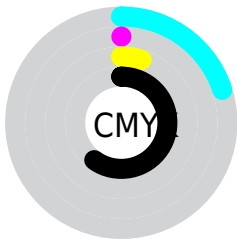
Blue (38%)



Red (32%)

Yellow (36%)

Blue (40%)

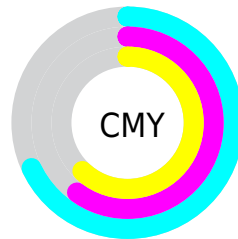


Cyan (20%)

Magenta (0%)

Yellow (5%)

Black (60%)



Cyan (68%)

Magenta (60%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 41, 8.667, 177.812 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 41, 8.667, 177.812 by changing the saturation by 10% instead.

■ 41, 8.667, 177.812 ■ 41, 8.667, 177.812

■ 100, 8.667, 177.812 ■ 31, 8.667, 177.812

■ 61, 8.667, 177.812 ■ 21, 8.667, 177.812

■ 71, 8.667, 177.812 ■ 11, 8.667, 177.812

■ 81, 8.667, 177.812 ■ 1, 8.667, 177.812

■ 91, 8.667, 177.812 ■ 0, 8.667, 177.812

■ 41, 8.667, 177.812 ■ 41, 8.667, 177.812

■ 40, 12.833, 176.837 ■ 42, 4.345, 178.744

■ 40, 16.777, ■ 43, 0.080, 355.768

175.801

44, 4.557, 0.274

39, 20.435,
174.683

45, 9.047, 1.084

39, 23.743,
173.464

46, 13.518, 1.840

38, 26.648,
172.123

47, 17.946, 2.564

38, 29.112,
170.641

48, 22.314, 3.259

38, 31.127,
169.000

50, 26.610, 3.929

37, 32.935,
167.366

37, 32.967,
167.339

Harmonies

Complementary

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



41, 8.667, 177.812



37, 9.237, 1.378

Rectangle

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



41, 8.667, 177.812



41, 8.667, 227.812



41, 8.667, 357.812



41, 8.667, 47.812

Sweetspot

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



41, 8.668, 177.808



54, 3.278, 179.102



41, 13.647, 135.928



28, 2.191, 179.060



78, 0.009, 296.813



28, 0.004, 296.813

Same Dimension

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



41, 8.668, 177.808



52, 12.838, 177.344



40, 6.601, 224.426



21, 2.507, 178.829



43, 36.283, 167.012



86, 64.109, 165.696

Inverse Universe

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



37, 9.237, 1.378



45, 13.910, 1.938



38, 7.425, 42.793



19, 2.580, 0.233



23, 49.104, 22.808



51, 87.304, 26.527

Previews

White Background



This preview shows how the CIELCh color 41, 8.667, 177.812 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 CIE LCh color 41, 8.667, 177.812 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

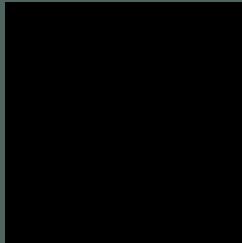
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

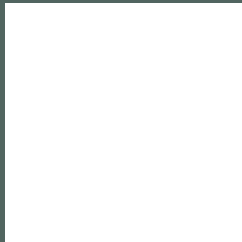
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 41, 8.667, 177.812

Background



This preview shows how black text looks on a background with the CIELCh color 41, 8.667, 177.812.



This preview shows how white text looks on a background with the CIELCh color 41, 8.667, 177.812.

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

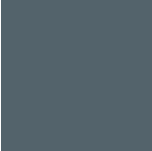
41, 8.667, 177.812

Protanopia

41, 2.206, 74.635

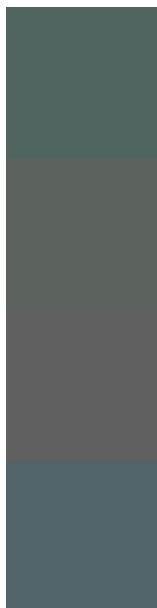
Deuteranopia

41, 5.628, 354.661



Tritanopia
41, 7.737, 237.890

Trichromacy



Original Color
41, 8.667, 177.812

Protanomaly
41, 3.505, 155.321

Deuteranomaly
41, 0.612, 290.332

Tritanomaly
41, 7.234, 213.257

Monochromacy



Original Color
41, 8.667, 177.812

Achromatopsia
40, 0.006, 296.813

Achromatomaly
40, 2.960, 187.244

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 8.667, 177.812 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(81, 101, 96)` looks like.

```
.text, #text, p{  
    color:rgb(81, 101, 96)  
}
```

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(81, 101, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 101, 96) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 8.667, 177.812 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(81, 101, 96) }
```

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

```
.border{ border-color:rgb(81, 101, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 101, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 101, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 101, 96);  
box-shadow:4px 4px 4px 4px rgb(81, 101,  
96) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 8.667, 177.812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 101, 96) }
```

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

```
.background{ background-color: rgb(81, 101,  
96) }
```

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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