

Converting Colors

CIELCh(40, 15.344, 285.551)

Have a look what the booklet for
CIELCh(40, 15.344, 285.551)
contains.

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Color

CIELCh(40, 15.316, 285.522)

Conversions

Conversions Part 1

Format	Color
Hex	585D76
RGB	88, 93, 118
RGB Percent	35%, 36%, 46%
CMY	0.6543, 0.6347, 0.5366
CMYK	0.25, 0.21, 0.00, 0.54
HSL	230°, 15%, 40%
HSV	230°, 25%, 46%
XYZ	11.2478, 11.2510, 18.7699
YIQ	94.3550, -11.0050, 6.7150

Conversions

Conversions Part 2

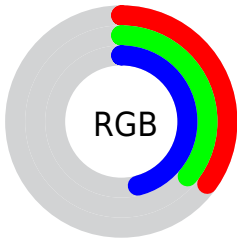
Format	Color
R_{YB}	88, 92, 118
Decimal	5791094
CIE Lab	40.00, 4.10, -14.76
CIE LCh	40, 15.316, 285.522
Yxy	11.2510, 0.2725, 0.2726
Android (android.graphics.Color)	4283981174 (0xFF585D76)
YUV	94.3550, 11.6570, -5.5733
Hunter-Lab	33.5425, 1.1569, -9.6982

Details

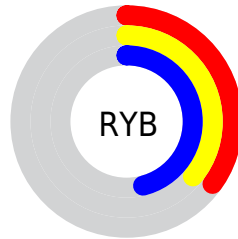
The CIELCh color $40, 15.316, 285.522$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $48, 14.812, 99.613$, and the grayscale version is $40, 0.006, 296.813$.

A 20% lighter version of the original color is $60, 15.329, 285.222$, and $20, 15.719, 286.843$ is the 20% darker color. If you saturate the color by 10%, you get $36, 21.690, 287.141$, and if you desaturate by 10%, it is $44, 9.143, 284.128$.

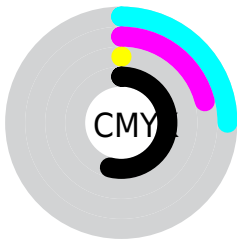
Distribution



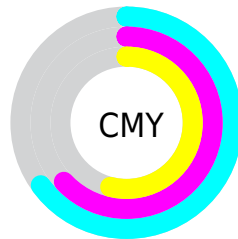
- Red (35%)
- Green (36%)
- Blue (46%)



- Red (35%)
- Yellow (36%)
- Blue (46%)



- Cyan (25%)
- Magenta (21%)
- Yellow (0%)
- Black (54%)





- Cyan (65%)
- Magenta (63%)
- Yellow (54%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 40, 15.316, 285.522 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, 15.316, 285.522 by changing the saturation by 10% instead.


 40, 15.316,
285.522


 40, 15.316,
285.522


 100, 15.316,
285.522


 30, 15.316,
285.522


 60, 15.316,
285.522


 20, 15.316,
285.522

 70, 15.316,
285.522


 10, 15.316,
285.522

 80, 15.316,
285.522

 0, 15.316, 285.522

 90, 15.316,
285.522

 40, 15.316,

 40, 15.316,

285.522

■ 36, 21.690,
287.141

■ 32, 28.287,
289.019

■ 29, 35.121,
291.173

■ 25, 42.186,
293.596

■ 21, 49.427,
296.233

■ 18, 56.659,
298.958

■ 16, 63.497,
301.525

■ 14, 66.400,
302.489

285.522

■ 44, 9.143, 284.128

■ 48, 3.160, 282.945

■ 51, 2.650, 101.841

■ 55, 8.295, 100.965

■ 59, 13.786,
100.184

■ 63, 19.130, 99.498

■ 66, 24.333, 98.893

■ 70, 29.403, 98.357

■ 74, 34.346, 97.879

Harmonies

Complementary

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



40, 15.316, 285.522



48, 14.812, 99.613

Rectangle

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



40, 15.316, 285.522



40, 15.316, 335.522



40, 15.316, 105.522



40, 15.316, 155.522

Sweetspot

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



40, 15.315, 285.521



59, 5.813, 283.254



47, 11.956, 183.714



30, 4.113, 283.399



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



40, 15.315, 285.521



49, 22.548, 286.358



39, 18.837, 304.538



23, 3.293, 283.350



15, 68.311, 302.584



35, 120.902, 303.857

Inverse Universe

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



41, 13.336, 8.327



50, 19.715, 9.022



48, 18.002, 121.717



23, 2.815, 6.534



24, 54.140, 29.787



52, 94.541, 32.883

Previews

White Background



This preview shows how the CIE LCh color 40, 15.316, 285.522 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, 15.316, 285.522 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

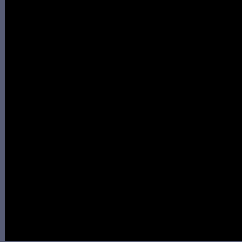
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 40, 15.316, 285.522

Background



This preview shows how black text looks on a background with the CIELCh color 40, 15.316, 285.522.



This preview shows how white text looks on a background with the CIELCh color 40, 15.316, 285.522.

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, 15.316, 285.522

Protanopia

40, 15.316, 285.522

Deuteranopia

40, 15.875, 291.223



Tritanopia
40, 6.004, 244.495

Trichromacy



Original Color
40, 15.316, 285.522

Protanomaly
40, 15.316, 285.522

Deuteranomaly
40, 15.882, 289.886

Tritanomaly
40, 9.118, 269.119

Monochromacy



Original Color
40, 15.316, 285.522

Achromatopsia
40, 0.006, 296.813

Achromatomaly
40, 5.496, 286.821

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 40, 15.316, 285.522 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(88, 93, 118)` looks like.

```
.text, #text, p{  
    color:rgb(88, 93, 118)  
}
```

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(88, 93, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 93, 118) }
```

Border

The CSS property to change the border of an element to CIELCh 40, 15.316, 285.522 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(88, 93, 118) }
```

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

```
.border{ border-color:rgb(88, 93, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 93, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 93, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 93, 118);  
box-shadow:4px 4px 4px 4px rgb(88, 93,  
118) }
```

Background

The CSS property to change the background color of an element to CIELCh 40, 15.316, 285.522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 93, 118) }
```

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

```
.background{ background-color: rgb(88, 93,  
118) }
```

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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