

Converting Colors

CIELCh(40, 6.014, 305.947)

Have a look what the booklet for
CIELCh(40, 6.014, 305.947) contains.

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Color

CIELCh(40, 5.646, 303.502)

Conversions

Conversions Part 1

Format	Color
Hex	605D66
RGB	96, 93, 102
RGB Percent	38%, 36%, 40%
CMY	0.6239, 0.6357, 0.6004
CMYK	0.06, 0.09, 0.00, 0.60
HSL	260°, 5%, 38%
HSV	260°, 9%, 40%
XYZ	11.1133, 11.2510, 14.1312
YIQ	94.9230, -1.1010, 3.4350

Conversions

Conversions Part 2

Format	Color
R_{YB}	96, 93, 102
Decimal	6315366
CIE Lab	40.00, 3.12, -4.71
CIE LCh	40, 5.646, 303.502
Yxy	11.2510, 0.3045, 0.3083
Android (android.graphics.Color)	4284505446 (0xFF605D66)
YUV	94.9230, 3.4890, 0.9445
Hunter-Lab	33.5425, 0.4412, -1.4988

Details

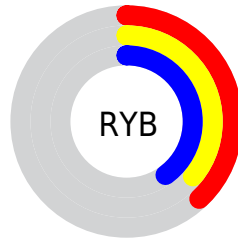
The CIELCh color $40, 5.646, 303.502$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $43, 5.554, 122.605$, and the grayscale version is $40, 0.006, 296.813$.

A 20% lighter version of the original color is $60, 5.787, 302.166$, and $20, 5.640, 305.243$ is the 20% darker color. If you saturate the color by 10%, you get $36, 12.230, 304.085$, and if you desaturate by 10%, it is $44, 0.730, 123.037$.

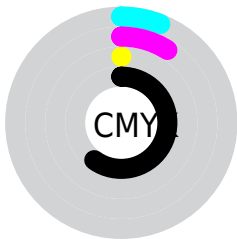
Distribution



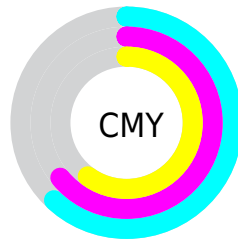
- Red (38%)
- Green (36%)
- Blue (40%)



- Red (38%)
- Yellow (36%)
- Blue (40%)



- Cyan (6%)
- Magenta (9%)
- Yellow (0%)
- Black (60%)



- Cyan (62%)
- Magenta (64%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 40, 5.646, 303.502 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, 5.646, 303.502 by changing the saturation by 10% instead.

■ 40, 5.646, 303.502

■ 40, 5.646, 303.502

■ 100, 5.646,
303.502

■ 30, 5.646, 303.502

■ 60, 5.646, 303.502

■ 20, 5.646, 303.502

■ 70, 5.646, 303.502

■ 10, 5.646, 303.502

■ 80, 5.646, 303.502

■ 0, 5.646, 303.502

■ 90, 5.646, 303.502

■ 40, 5.646, 303.502

■ 40, 5.646, 303.502

■ 36, 12.230,
304.085

■ 44, 0.730, 123.037

■ 33, 19.022,

■ 47, 6.898, 122.535

304.737

51, 12.867,
122.133

29, 26.004,
305.452

54, 18.648,
121.784

26, 33.127,
306.218

58, 24.250,
121.480

22, 40.295,
307.007

61, 29.684,
121.217

19, 47.325,
307.768

65, 34.959,
120.989

16, 53.901,
308.419

68, 40.086,
120.794

14, 59.548,
308.839

71, 45.072,
120.625

12, 64.710,
309.258

Harmonies

Complementary

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



40, 5.646, 303.502



43, 5.554, 122.605

Rectangle

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



40, 5.646, 303.502



40, 5.646, 353.502



40, 5.646, 123.502



40, 5.646, 173.502

Sweetspot

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



40, 5.645, 303.498



54, 2.363, 303.180



42, 3.001, 234.396



27, 1.778, 303.218



78, 0.009, 296.813



28, 0.004, 296.813

Same Dimension

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



40, 5.645, 303.498



51, 8.765, 303.638



40, 6.290, 319.656



19, 3.592, 303.503



14, 71.236, 309.203



34, 124.433, 308.621

Inverse Universe

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



40, 5.259, 336.201



51, 8.149, 336.379



42, 6.259, 138.943



20, 3.346, 336.208



24, 50.585, 346.345



54, 86.726, 347.851

Previews

White Background



This preview shows how the CIELCh color 40, 5.646, 303.502 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, 5.646, 303.502 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

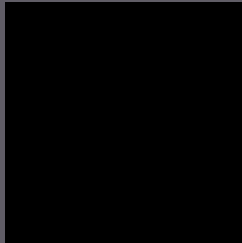
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 40, 5.646, 303.502

Background



This preview shows how black text looks on a background with the CIELCh color 40, 5.646, 303.502.



This preview shows how white text looks on a background with the CIELCh color 40, 5.646, 303.502.

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, 5.646, 303.502

Protanopia

40, 4.878, 290.929

Deuteranopia

40, 6.962, 319.198



Tritanopia
40, 4.465, 306.835

Trichromacy



Original Color

40, 5.646, 303.502

Protanomaly

40, 4.901, 295.679

Deuteranomaly

40, 6.776, 316.101

Tritanomaly

40, 5.053, 304.963

Monochromacy



Original Color

40, 5.646, 303.502

Achromatopsia

40, 0.006, 296.813

Achromatomaly

40, 2.482, 300.140

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 40, 5.646, 303.502 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(96, 93, 102)` looks like.

```
.text, #text, p{  
    color:rgb(96, 93, 102)  
}
```

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(96, 93, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 93, 102) }
```

Border

The CSS property to change the border of an element to CIELCh 40, 5.646, 303.502 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(96, 93, 102) }
```

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

```
.border{ border-color:rgb(96, 93, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 93, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 93, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 93, 102);  
box-shadow:4px 4px 4px 4px rgb(96, 93,  
102) }
```

Background

The CSS property to change the background color of an element to CIELCh 40, 5.646, 303.502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 93, 102) }
```

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

```
.background{ background-color: rgb(96, 93,  
102) }
```

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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