

Converting Colors

CIELCh(40, 9.612, 281.066)

Have a look what the booklet for
CIELCh(40, 9.612, 281.066) contains.

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Color

CIELCh(40, 9.305, 279.531)

Conversions

Conversions Part 1

Format	Color
Hex	595E6D
RGB	89, 94, 109
RGB Percent	35%, 37%, 43%
CMY	0.6507, 0.6311, 0.5723
CMYK	0.18, 0.14, 0.00, 0.57
HSL	225°, 10%, 39%
HSV	225°, 18%, 43%
XYZ	10.8998, 11.2510, 16.0858
YIQ	94.2150, -7.7950, 3.6050

Conversions

Conversions Part 2

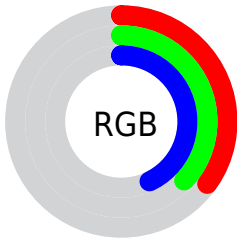
Format	Color
R_{YB}	89, 93, 109
Decimal	5856877
CIE _{Lab}	40.00, 1.54, -9.18
CIE _{LCh}	40, 9.305, 279.531
Yxy	11.2510, 0.2851, 0.2942
Android (android.graphics.Color)	4284046957 (0xFF595E6D)
YUV	94.2150, 7.2890, -4.5736
Hunter-Lab	33.5425, -0.6948, -4.9537

Details

The CIELCh color **40, 9.305, 279.531** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **44, 9.196, 95.151**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **60, 9.190, 279.658**, and **20, 9.692, 280.174** is the 20% darker color. If you saturate the color by 10%, you get **37, 14.549, 281.052**, and if you desaturate by 10%, it is **43, 4.184, 278.222**.

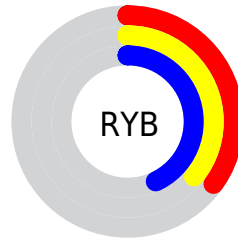
Distribution



Red (35%)

Green (37%)

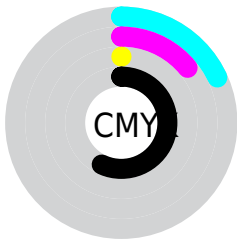
Blue (43%)



Red (35%)

Yellow (36%)

Blue (43%)

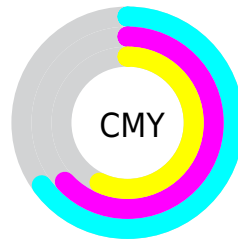


Cyan (18%)

Magenta (14%)

Yellow (0%)

Black (57%)



Cyan (65%)

Magenta (63%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 40, 9.305, 279.531 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, 9.305, 279.531 by changing the saturation by 10% instead.

■ 40, 9.305, 279.531

■ 40, 9.305, 279.531

■ 100, 9.305,
279.531

■ 30, 9.305, 279.531

■ 60, 9.305, 279.531

■ 20, 9.305, 279.531

■ 70, 9.305, 279.531

■ 10, 9.305, 279.531

■ 80, 9.305, 279.531

■ 0, 9.305, 279.531

■ 90, 9.305, 279.531

■ 40, 9.305, 279.531

■ 40, 9.305, 279.531

■ 37, 14.549,
281.052

■ 43, 4.184, 278.222

■ 33, 19.931,

■ 47, 0.817, 96.902

282.822

50, 5.706, 96.031

30, 25.462,
284.869

53, 10.487, 95.170

27, 31.160,
287.214

56, 15.163, 94.407

24, 37.036,
289.857

60, 19.737, 93.730

21, 43.078,
292.755

63, 24.212, 93.128

18, 49.214,
295.802

66, 28.591, 92.588

15, 55.287,
298.661

69, 32.877, 92.103

15, 56.279,
299.074

Harmonies

Complementary

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



40, 9.305, 279.531



44, 9.196, 95.151

Rectangle

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



40, 9.305, 279.531



40, 9.305, 329.531



40, 9.305, 99.531



40, 9.305, 149.531

Sweetspot

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



40, 9.304, 279.527



57, 3.748, 277.969



44, 8.650, 176.718



29, 2.470, 278.019



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, 9.304, 279.527



50, 13.992, 280.150



39, 12.447, 300.501



21, 2.779, 278.294



16, 59.751, 299.340



38, 108.733, 301.128

Inverse Universe

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



40, 9.088, 1.233



50, 13.717, 1.719



45, 12.009, 118.161



21, 2.688, 0.242



23, 49.925, 22.958



52, 88.022, 26.562

Previews

White Background



This preview shows how the CIELCh color 40, 9.305, 279.531 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 40, 9.305, 279.531 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

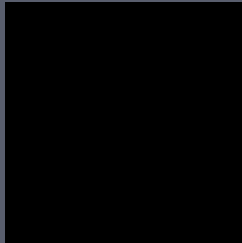
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

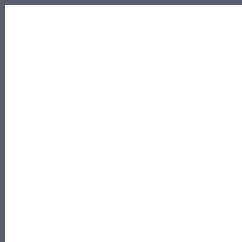
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 40, 9.305, 279.531

Background



This preview shows how black text looks on a background with the CIELCh color 40, 9.305, 279.531.

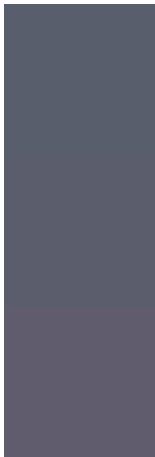


This preview shows how white text looks on a background with the CIELCh color 40, 9.305, 279.531.

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, 9.305, 279.531

Protanopia

40, 9.783, 287.097

Deuteranopia

40, 11.134, 299.953



Tritanopia
40, 5.557, 260.855

Trichromacy



Original Color
40, 9.305, 279.531

Protanomaly
40, 9.814, 284.843

Deuteranomaly
40, 10.375, 291.753

Tritanomaly
40, 6.627, 266.493

Monochromacy



Original Color
40, 9.305, 279.531

Achromatopsia
40, 0.006, 296.813

Achromatomaly
40, 3.145, 275.606

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 40, 9.305, 279.531 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(89, 94, 109)` looks like.

```
.text, #text, p{  
    color:rgb(89, 94, 109)  
}
```

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(89, 94, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 94, 109) }
```

Border

The CSS property to change the border of an element to CIELCh 40, 9.305, 279.531 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(89, 94, 109) }
```

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

```
.border{ border-color:rgb(89, 94, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 94, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 94, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 94, 109);  
box-shadow:4px 4px 4px 4px rgb(89, 94,  
109) }
```

Background

The CSS property to change the background color of an element to CIELCh 40, 9.305, 279.531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 94, 109) }
```

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

```
.background{ background-color: rgb(89, 94,  
109) }
```

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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