

Converting Colors

CIELCh(40, 21.453, 295.009)

Have a look what the booklet for
CIELCh(40, 21.453, 295.009)
contains.

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Color

CIELCh(40, 21.382, 294.323)

Conversions

Conversions Part 1

Format	Color
Hex	5C5B7E
RGB	92, 91, 126
RGB Percent	36%, 36%, 49%
CMY	0.6394, 0.6433, 0.5061
CMYK	0.27, 0.28, 0.00, 0.51
HSL	242°, 16%, 43%
HSV	242°, 28%, 49%
XYZ	11.9074, 11.2510, 21.2641
YIQ	95.2890, -10.6390, 11.0970

Conversions

Conversions Part 2

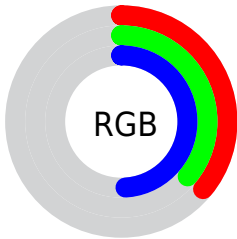
Format	Color
RYB	92, 91, 126
Decimal	6052734
CIELab	40.00, 8.81, -19.48
CIElCh	40, 21.382, 294.323
Yxy	11.2510, 0.2680, 0.2533
Android (android.graphics.Color)	4284242814 (0xFF5C5B7E)
YUV	95.2890, 15.1405, -2.8845
Hunter-Lab	33.5425, 4.6674, -14.1068

Details

The CIELCh color $40, 21.382, 294.323$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $52, 20.065, 108.844$, and the grayscale version is $40, 0.006, 296.813$.

A 20% lighter version of the original color is $60, 21.528, 294.417$, and $20, 21.802, 295.105$ is the 20% darker color. If you saturate the color by 10%, you get $35, 29.675, 295.761$, and if you desaturate by 10%, it is $45, 13.416, 293.084$.

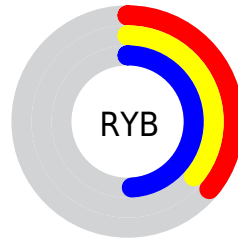
Distribution



Red (36%)

Green (36%)

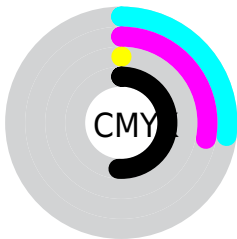
Blue (49%)



Red (36%)

Yellow (36%)

Blue (49%)

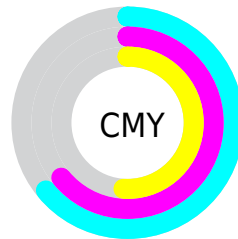


Cyan (27%)

Magenta (28%)

Yellow (0%)

Black (51%)



Cyan (64%)


Magenta (64%)


Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 40, 21.382, 294.323 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, 21.382, 294.323 by changing the saturation by 10% instead.


 40, 21.382,
294.323


 40, 21.382,
294.323


 100, 21.382,
294.323


 30, 21.382,
294.323

 60, 21.382,
294.323


 20, 21.382,
294.323

 70, 21.382,
294.323

 10, 21.382,
294.323

 80, 21.382,
294.323

 0, 21.382, 294.323

 90, 21.382,
294.323

 40, 21.382,

 40, 21.382,

294.323

■ 35, 29.675,
295.761

■ 31, 38.294,
297.411

■ 26, 47.185,
299.255

■ 22, 56.162,
301.224

■ 18, 64.779,
303.164

■ 15, 72.184,
304.823

■ 13, 77.854,
306.110

■ 13, 79.169,
306.420

294.323

■ 45, 13.416,
293.084

■ 49, 5.763, 292.026

■ 54, 1.600, 111.088

■ 58, 8.692, 110.331

■ 63, 15.534,
109.666

■ 67, 22.142,
109.092

■ 72, 28.533,
108.596

■ 76, 34.719,
108.166

■ 80, 40.714,

Harmonies

Complementary

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



40, 21.382, 294.323



52, 20.065, 108.844

Rectangle

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



40, 21.382, 294.323



40, 21.382, 344.323



40, 21.382, 114.323



40, 21.382, 164.323

Sweetspot

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



40, 21.381, 294.322



63, 7.325, 292.065



50, 12.681, 199.654



32, 5.191, 292.194



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



40, 21.381, 294.322



48, 31.773, 295.159



42, 22.384, 310.904



24, 4.224, 292.156



13, 79.874, 306.418



0, 0.000, 0.000

Inverse Universe

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



43, 24.526, 326.678



53, 35.917, 326.990



51, 21.604, 128.428



25, 5.004, 325.670



29, 67.650, 329.361



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 40, 21.382, 294.323 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, 21.382, 294.323 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

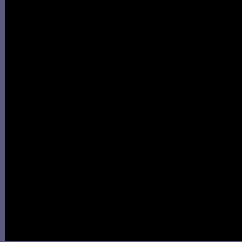
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 40, 21.382, 294.323

Background



This preview shows how black text looks on a background with the CIELCh color 40, 21.382, 294.323.



This preview shows how white text looks on a background with the CIELCh color 40, 21.382, 294.323.

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

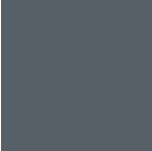
40, 21.382, 294.323

Protanopia

40, 21.461, 284.936

Deuteranopia

40, 20.192, 286.110



Tritanopia
40, 5.753, 257.439

Trichromacy



Original Color
40, 21.382, 294.323

Protanomaly
40, 21.378, 288.618

Deuteranomaly
40, 20.756, 289.334

Tritanomaly
40, 10.494, 281.189

Monochromacy



Original Color
40, 21.382, 294.323

Achromatopsia
40, 0.006, 296.813

Achromatomaly
40, 7.314, 291.291

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 40, 21.382, 294.323 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(92, 91, 126)` looks like.

```
.text, #text, p{  
    color:rgb(92, 91, 126)  
}
```

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(92, 91, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 91, 126) }
```

Border

The CSS property to change the border of an element to CIELCh 40, 21.382, 294.323 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(92, 91, 126) }
```

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

```
.border{ border-color:rgb(92, 91, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 91, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 91, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 91, 126);  
box-shadow:4px 4px 4px 4px rgb(92, 91,  
126) }
```

Background

The CSS property to change the background color of an element to CIELCh 40, 21.382, 294.323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 91, 126) }
```

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

```
.background{ background-color: rgb(92, 91,  
126) }
```

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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