

Converting Colors

CIELCh(40, 32.577, 325.707)

Have a look what the booklet for
CIELCh(40, 32.577, 325.707)
contains.

CIELCh(40, 32.577, 325.707)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(40, 32.577, 325.707)

Conversions

Conversions Part 1

Format	Color
Hex	7C4F7D
RGB	124, 79, 125
RGB Percent	49%, 31%, 49%
CMY	0.5155, 0.6919, 0.5116
CMYK	0.01, 0.37, 0.00, 0.51
HSL	299°, 23%, 40%
HSV	299°, 37%, 49%
XYZ	14.6845, 11.2510, 20.6492
YIQ	97.6990, 12.0540, 23.8460

Conversions

Conversions Part 2

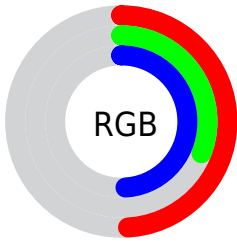
Format	Color
R_{YB}	124, 79, 125
Decimal	8146813
CIE Lab	40.00, 26.91, -18.35
CIE LCh	40, 32.577, 325.707
Yxy	11.2510, 0.3152, 0.2415
Android (android.graphics.Color)	4286336893 (0xFF7C4F7D)
YUV	97.6990, 13.4594, 23.0660
Hunter-Lab	33.5425, 19.4457, -13.0200

Details

The CIELCh color $40, 32.577, 325.707$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $48, 32.561, 141.360$, and the grayscale version is $41, 0.006, 296.813$.

A 20% lighter version of the original color is $60, 32.673, 325.336$, and $20, 32.308, 325.672$ is the 20% darker color. If you saturate the color by 10%, you get $37, 40.923, 326.160$, and if you desaturate by 10%, it is $43, 23.853, 325.219$.

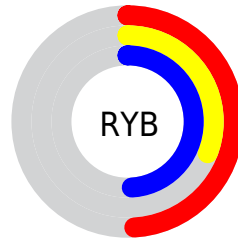
Distribution



Red (49%)

Green (31%)

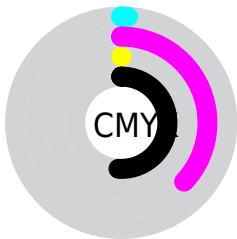
Blue (49%)



Red (49%)

Yellow (31%)

Blue (49%)

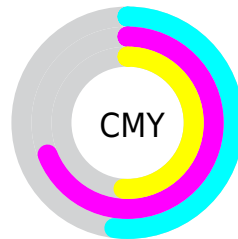


Cyan (1%)

Magenta (37%)

Yellow (0%)

Black (51%)



Cyan (52%)


Magenta (69%)


Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 40, 32.577, 325.707 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, 32.577, 325.707 by changing the saturation by 10% instead.


 40, 32.577,
325.707


 40, 32.577,
325.707


 100, 32.577,
325.707


 30, 32.577,
325.707

 60, 32.577,
325.707


 20, 32.577,
325.707

 70, 32.577,
325.707


 10, 32.577,
325.707

 80, 32.577,
325.707

 0, 32.577, 325.707

 90, 32.577,
325.707

 40, 32.577,

 40, 32.577,

325.707

37, 40.923,
326.160

35, 48.622,
326.563

32, 55.357,
326.897

31, 60.815,
327.148

29, 64.756,
327.305

29, 67.298,
327.377

28, 68.038,
327.397

325.707

43, 23.853,
325.219

46, 14.971,
324.710

50, 6.087, 324.182

53, 2.688, 143.771

57, 11.287,
143.226

61, 19.666,
142.742

64, 27.806,
142.284

68, 35.698,
141.851

■ 72, 43.343,
141.444

Harmonies

Complementary

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



40, 32.577, 325.707



48, 32.561, 141.360

Rectangle

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



40, 32.577, 325.707



40, 32.577, 15.707



40, 32.577, 145.707



40, 32.577, 195.707

Sweetspot

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



40, 32.575, 325.707



61, 11.962, 324.415



36, 27.640, 293.479



32, 8.105, 324.472



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, 32.575, 325.707



49, 47.403, 326.078



39, 23.993, 345.166



24, 4.897, 324.298



28, 68.195, 327.397



59, 114.803, 327.352

Inverse Universe

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



39, 20.901, 20.974



46, 31.452, 22.231



48, 23.152, 158.569



24, 2.851, 18.092



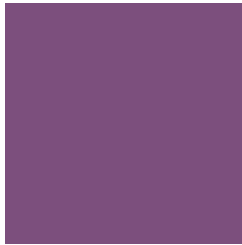
25, 59.444, 37.312



53, 102.918, 39.391

Previews

White Background



This preview shows how the CIELCh color 40, 32.577, 325.707 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, 32.577, 325.707 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

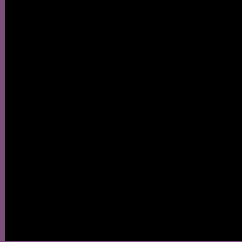
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 40, 32.577, 325.707

Background



This preview shows how black text looks on a background with the CIELCh color 40, 32.577, 325.707.



This preview shows how white text looks on a background with the CIELCh color 40, 32.577, 325.707.

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, 32.577, 325.707

Protanopia
40, 26.335, 285.336

Deuteranopia
40, 17.701, 288.089



Tritanopia
40, 15.330, 5.761

Trichromacy



Original Color
40, 32.577, 325.707

Protanomaly
40, 27.108, 300.103

Deuteranomaly
40, 22.106, 307.020

Tritanomaly
40, 20.177, 343.539

Monochromacy



Original Color
40, 32.577, 325.707

Achromatopsia
41, 0.006, 296.813

Achromatomaly
40, 12.491, 325.249

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 40, 32.577, 325.707 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(124, 79, 125)` looks like.

```
.text, #text, p{  
    color:rgb(124, 79, 125)  
}
```

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(124, 79, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 79, 125) }
```

Border

The CSS property to change the border of an element to CIELCh 40, 32.577, 325.707 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(124, 79, 125) }
```

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

```
.border{ border-color:rgb(124, 79, 125) }
```

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

Here you see how a box with a 4 pixel rgb(124, 79, 125) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 79, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 79, 125);  
box-shadow:4px 4px 4px 4px rgb(124, 79,  
125) }
```

Background

The CSS property to change the background color of an element to CIELCh 40, 32.577, 325.707 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 79, 125) }
```

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

```
.background{ background-color: rgb(124, 79,  
125) }
```

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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