

Converting Colors

CIELCh(40, 23.397, 317.374)

Have a look what the booklet for
CIELCh(40, 23.397, 317.374)
contains.

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Color

CIELCh(40, 23.493, 317.375)

Conversions

Conversions Part 1

Format	Color
Hex	6E5578
RGB	110, 85, 120
RGB Percent	43%, 33%, 47%
CMY	0.5673, 0.6654, 0.5280
CMYK	0.08, 0.29, 0.00, 0.53
HSL	283°, 17%, 40%
HSV	283°, 29%, 47%
XYZ	13.1596, 11.2510, 19.3587
YIQ	96.4650, 3.6650, 16.1850

Conversions

Conversions Part 2

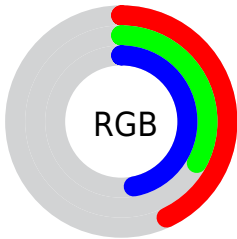
Format	Color
R_{YB}	110, 85, 120
Decimal	7230840
CIE _{Lab}	40.00, 17.29, -15.91
CIE _{LCh}	40, 23.493, 317.375
Yxy	11.2510, 0.3007, 0.2571
Android (android.graphics.Color)	4285420920 (0xFF6E5578)
YUV	96.4650, 11.6028, 11.8702
Hunter-Lab	33.5425, 11.3312, -10.7390

Details

The CIELCh color **40, 23.493, 317.375** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **48, 23.037, 134.859**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **60, 23.240, 317.570**, and **20, 23.620, 318.033** is the 20% darker color. If you saturate the color by 10%, you get **37, 31.668, 317.782**, and if you desaturate by 10%, it is **44, 15.312, 316.955**.

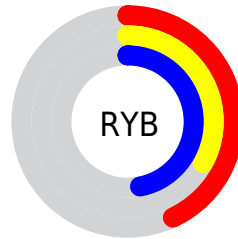
Distribution



Red (43%)

Green (33%)

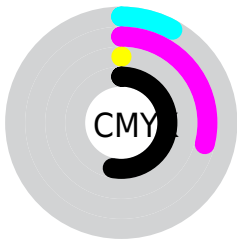
Blue (47%)



Red (43%)

Yellow (33%)

Blue (47%)

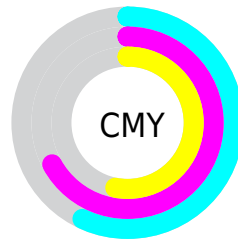


Cyan (8%)

Magenta (29%)

Yellow (0%)

Black (53%)



Cyan (57%)


Magenta (67%)


Yellow (53%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 40, 23.493, 317.375 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, 23.493, 317.375 by changing the saturation by 10% instead.


 40, 23.493,
317.375


 40, 23.493,
317.375


 100, 23.493,
317.375


 30, 23.493,
317.375

 60, 23.493,
317.375


 20, 23.493,
317.375

 70, 23.493,
317.375

 10, 23.493,
317.375

 80, 23.493,
317.375

 0, 23.493, 317.375

 90, 23.493,
317.375

 40, 23.493,

 40, 23.493,

317.375

37, 31.668,
317.782

33, 39.687,
318.154

30, 47.328,
318.459

27, 54.288,
318.654

25, 60.200,
318.689

23, 64.692,
318.509

22, 68.093,
318.182

21, 68.414,
318.158

317.375

44, 15.312,
316.955

47, 7.227, 316.533

51, 0.703, 136.334

55, 8.444, 135.793

58, 15.981,
135.436

62, 23.306,
135.111

66, 30.422,
134.815

70, 37.334,
134.547

73, 44.050,

Harmonies

Complementary

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



40, 23.493, 317.375



48, 23.037, 134.859

Rectangle

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



40, 23.493, 317.375



40, 23.493, 7.375



40, 23.493, 137.375



40, 23.493, 187.375

Sweetspot

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



40, 23.492, 317.375



60, 8.823, 316.538



41, 15.262, 277.834



31, 6.186, 316.589



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



40, 23.492, 317.375



49, 34.956, 317.652



41, 21.994, 332.303



24, 4.537, 316.532



22, 70.294, 318.124



48, 118.646, 317.646

Inverse Universe

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



40, 16.162, 359.990



49, 24.201, 0.920



47, 21.898, 148.455



24, 3.058, 357.718



25, 51.479, 20.297



53, 88.286, 23.607

Previews

White Background



This preview shows how the CIELCh color 40, 23.493, 317.375 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, 23.493, 317.375 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

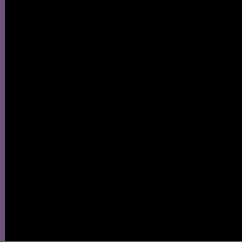
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 40, 23.493, 317.375

Background



This preview shows how black text looks on a background with the CIELCh color 40, 23.493, 317.375.



This preview shows how white text looks on a background with the CIELCh color 40, 23.493, 317.375.

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, 23.493, 317.375

Protanopia

40, 20.227, 285.139

Deuteranopia

40, 15.853, 289.861



Tritanopia
40, 8.362, 350.056

Trichromacy



Original Color
40, 23.493, 317.375

Protanomaly
40, 20.871, 297.296

Deuteranomaly
40, 18.038, 302.475

Tritanomaly
40, 13.247, 329.882

Monochromacy



Original Color
40, 23.493, 317.375

Achromatopsia
41, 0.006, 296.813

Achromatomaly
41, 8.210, 317.739

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 40, 23.493, 317.375 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(110, 85, 120)` looks like.

```
.text, #text, p{  
    color:rgb(110, 85, 120)  
}
```

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(110, 85, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 85, 120) }
```

Border

The CSS property to change the border of an element to CIELCh 40, 23.493, 317.375 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(110, 85, 120) }
```

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

```
.border{ border-color:rgb(110, 85, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 85, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 85, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 85, 120);  
box-shadow:4px 4px 4px 4px rgb(110, 85,  
120) }
```

Background

The CSS property to change the background color of an element to CIELCh 40, 23.493, 317.375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 85, 120) }
```

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

```
.background{ background-color: rgb(110, 85,  
120) }
```

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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