

Converting Colors

CIELCh(40, 23.821, 322.698)

Have a look what the booklet for
CIELCh(40, 23.821, 322.698)
contains.

CIELCh(40, 23.817, 322.514)	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, 23.817, 322.514)

Conversions

Conversions Part 1

Format	Color
Hex	725476
RGB	114, 84, 118
RGB Percent	45%, 33%, 46%
CMY	0.5525, 0.6702, 0.5368
CMYK	0.03, 0.29, 0.00, 0.54
HSL	293°, 17%, 40%
HSV	293°, 29%, 46%
XYZ	13.4073, 11.2510, 18.6371
YIQ	96.8460, 6.9660, 16.9340

Conversions

Conversions Part 2

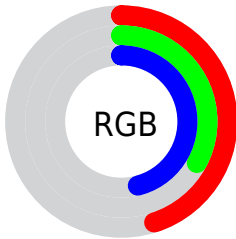
Format	Color
R_{YB}	114, 84, 118
Decimal	7492726
CIE _{Lab}	40.00, 18.90, -14.49
CIE _{LCh}	40, 23.817, 322.514
Yxy	11.2510, 0.3097, 0.2599
Android (android.graphics.Color)	4285682806 (0xFF725476)
YUV	96.8460, 10.4289, 15.0441
Hunter-Lab	33.5425, 12.6491, -9.4634

Details

The CIELCh color $40, 23.817, 322.514$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $47, 23.654, 139.633$, and the grayscale version is $41, 0.006, 296.813$.

A 20% lighter version of the original color is $60, 23.606, 322.393$, and $20, 24.230, 321.926$ is the 20% darker color. If you saturate the color by 10%, you get $37, 32.016, 322.946$, and if you desaturate by 10%, it is $43, 15.501, 322.060$.

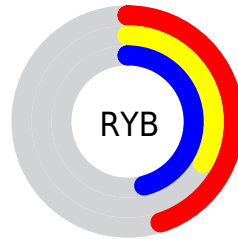
Distribution



Red (45%)

Green (33%)

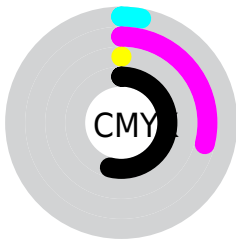
Blue (46%)



Red (45%)

Yellow (33%)

Blue (46%)

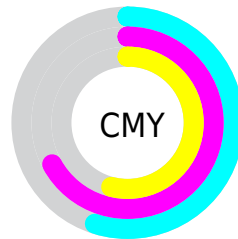


Cyan (3%)

Magenta (29%)

Yellow (0%)

Black (54%)



Cyan (55%)


Magenta (67%)


Yellow (54%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 40, 23.817, 322.514 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, 23.817, 322.514 by changing the saturation by 10% instead.


 40, 23.817,
322.514


 40, 23.817,
322.514


 100, 23.817,
322.514


 30, 23.817,
322.514

 60, 23.817,
322.514


 20, 23.817,
322.514

 70, 23.817,
322.514

 10, 23.817,
322.514

 80, 23.817,
322.514

 0, 23.817, 322.514

 90, 23.817,
322.514

 40, 23.817,

 40, 23.817,

322.514

37, 32.016,
322.946

34, 39.911,
323.337

31, 47.251,
323.665

29, 53.731,
323.903

27, 59.030,
324.024

26, 62.880,
324.001

25, 65.622,
323.875

25, 65.960,
323.862

322.514

43, 15.501,
322.060

47, 7.208, 321.592

50, 0.976, 141.323

54, 8.992, 140.743

57, 16.809,
140.316

61, 24.411,
139.918

64, 31.793,
139.545

68, 38.956,
139.197

71, 45.906,

Harmonies

Complementary

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



40, 23.817, 322.514



47, 23.654, 139.633

Rectangle

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



40, 23.817, 322.514



40, 23.817, 12.514



40, 23.817, 142.514



40, 23.817, 192.514

Sweetspot

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



40, 23.816, 322.514



59, 9.125, 321.613



38, 18.142, 287.748



30, 6.308, 321.669



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



40, 23.816, 322.514



49, 35.754, 322.823



40, 19.111, 339.247



23, 4.590, 321.603



26, 67.673, 323.846



54, 114.807, 323.611

Inverse Universe

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



39, 15.149, 12.524



48, 23.186, 13.502



47, 18.807, 154.829



23, 2.780, 10.378



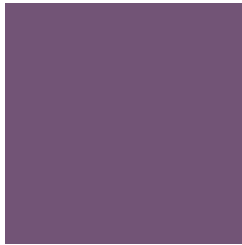
24, 55.795, 32.949



52, 97.597, 35.789

Previews

White Background



This preview shows how the CIELCh color 40, 23.817, 322.514 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, 23.817, 322.514 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, 23.817, 322.514

Background



This preview shows how black text looks on a background with the CIELCh color 40, 23.817, 322.514.



This preview shows how white text looks on a background with the CIELCh color 40, 23.817, 322.514.

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, 23.817, 322.514

Protanopia

40, 19.592, 285.772

Deuteranopia

40, 14.026, 292.285



Tritanopia
40, 10.704, 357.633

Trichromacy



Original Color
40, 23.817, 322.514

Protanomaly
40, 19.733, 299.571

Deuteranomaly
40, 17.088, 306.946

Tritanomaly
40, 14.225, 338.402

Monochromacy



Original Color
40, 23.817, 322.514

Achromatopsia
41, 0.006, 296.813

Achromatomaly
41, 9.141, 320.693

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 40, 23.817, 322.514 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(114, 84, 118)` looks like.

```
.text, #text, p{  
    color:rgb(114, 84, 118)  
}
```

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(114, 84, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 84, 118) }
```

Border

The CSS property to change the border of an element to CIELCh 40, 23.817, 322.514 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(114, 84, 118) }
```

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

```
.border{ border-color:rgb(114, 84, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 84, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 84, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 84, 118);  
box-shadow:4px 4px 4px 4px rgb(114, 84,  
118) }
```

Background

The CSS property to change the background color of an element to CIELCh 40, 23.817, 322.514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 84, 118) }
```

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

```
.background{ background-color: rgb(114, 84,  
118) }
```

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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