

Converting Colors

CIELCh(42, 61.577, 359.451)

Have a look what the booklet for
CIELCh(42, 61.577, 359.451)
contains.

CIELCh(42, 61.509, 359.712)	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(42, 61.509, 359.712)

Conversions

Conversions Part 1

Format	Color
Hex	B92466
RGB	185, 36, 102
RGB Percent	73%, 14%, 40%
CMY	0.2751, 0.8596, 0.6005
CMYK	0.00, 0.81, 0.45, 0.28
HSL	333°, 68%, 43%
HSV	333°, 81%, 72%
XYZ	22.9846, 12.5000, 13.7370
YIQ	88.0750, 67.6180, 52.1140

Conversions

Conversions Part 2

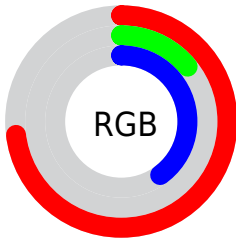
Format	Color
R_{YB}	185, 36, 102
Decimal	12133478
CIE _{Lab}	42.00, 61.51, -0.31
CIE _{LCh}	42, 61.509, 359.712
Yxy	12.5000, 0.4670, 0.2540
Android (android.graphics.Color)	4290323558 (0xFFB92466)
YUV	88.0750, 6.8650, 85.0032
Hunter-Lab	35.3553, 54.1715, 1.7121

Details

The CIELCh color **42, 61.509, 359.712** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **67, 57.659, 156.347**, and the grayscale version is **37, 0.005, 296.813**.

A 20% lighter version of the original color is **62, 61.477, 359.795**, and **26, 50.072, 6.377** is the 20% darker color. If you saturate the color by 10%, you get **40, 64.574, 3.379**, and if you desaturate by 10%, it is **44, 56.700, 356.817**.

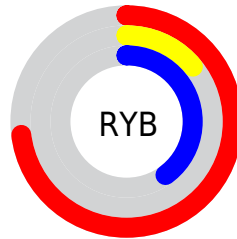
Distribution



Red (73%)

Green (14%)

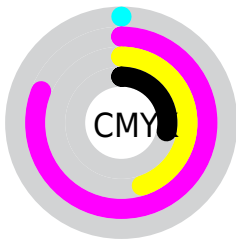
Blue (40%)



Red (73%)

Yellow (14%)

Blue (40%)

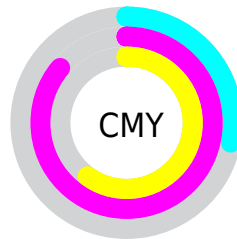


Cyan (0%)

Magenta (81%)

Yellow (45%)

Black (28%)



Cyan (28%)


Magenta (86%)


Yellow (60%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 42, 61.509, 359.712 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 42, 61.509, 359.712 by changing the saturation by 10% instead.


 42, 61.509,
359.712


 42, 61.509,
359.712


 100, 61.509,
359.712


 32, 61.509,
359.712

 62, 61.509,
359.712


 22, 61.509,
359.712

 72, 61.509,
359.712

 12, 61.509,
359.712

 82, 61.509,
359.712

 2, 61.509, 359.712

 92, 61.509,
359.712

 0, 61.509, 359.712

 42, 61.509,

 42, 61.509,

359.712

359.712

■ 40, 64.574, 3.379

■ 44, 56.700,
356.817

■ 39, 66.301, 7.464

■ 48, 50.352,
354.520

■ 51, 42.856,
352.668

■ 55, 34.640,
351.137

■ 60, 26.070,
349.841

■ 65, 17.418,
348.717

■ 70, 8.865, 347.712

■ 75, 0.522, 346.109

Harmonies

Complementary

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



42, 61.509, 359.712



67, 57.659, 156.347

Rectangle

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



42, 61.509, 359.712



42, 61.509, 49.712



42, 61.509, 179.712



42, 61.509, 229.712

Sweetspot

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



42, 61.506, 359.713



80, 25.121, 349.123



35, 86.687, 313.882



40, 17.295, 349.523



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



42, 61.506, 359.713



52, 80.073, 6.925



41, 67.910, 35.532



36, 4.691, 347.586



33, 58.360, 6.756



2, 11.851, 354.013

Inverse Universe

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



42, 61.506, 359.713



52, 80.073, 6.925



66, 35.378, 203.457



36, 4.691, 347.586



33, 58.360, 6.756



2, 11.851, 354.013

Previews

White Background



This preview shows how the CIELCh color 42, 61.509, 359.712 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 42, 61.509, 359.712 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 42, 61.509, 359.712

Background



This preview shows how black text looks on a background with the CIELCh color 42, 61.509, 359.712.



This preview shows how white text looks on a background with the CIELCh color 42, 61.509, 359.712.

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

42, 61.509, 359.712

Protanopia

43, 24.267, 284.769

Deuteranopia

42, 6.563, 30.669



Tritanopia
42, 60.415, 29.905

Trichromacy



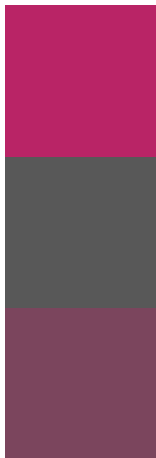
Original Color
42, 61.509, 359.712

Protanomaly
39, 34.477, 325.260

Deuteranomaly
40, 29.427, 358.035

Tritanomaly
42, 58.897, 18.609

Monochromacy



Original Color
42, 61.509, 359.712

Achromatopsia
37, 0.005, 296.813

Achromatomaly
36, 26.836, 351.314

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 42, 61.509, 359.712 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(185, 36, 102)` looks like.

```
.text, #text, p{  
    color:rgb(185, 36, 102)  
}
```

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(185, 36, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 36, 102) }
```

Border

The CSS property to change the border of an element to CIELCh 42, 61.509, 359.712 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(185, 36, 102) }
```

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

```
.border{ border-color:rgb(185, 36, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 36, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 36, 102); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 36, 102); box-shadow:4px 4px 4px 4px rgb(185, 36, 102) }
```

Background

The CSS property to change the background color of an element to CIELCh 42, 61.509, 359.712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 36, 102) }
```

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

```
.background{ background-color: rgb(185, 36,  
102) }
```

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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