

Converting Colors

CIELCh(42, 57.625, 10.649)

Have a look what the booklet for
CIELCh(42, 57.625, 10.649) contains.

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Color

CIELCh(42, 57.471, 10.783)

Conversions

Conversions Part 1

Format	Color
Hex	B62D54
RGB	182, 45, 84
RGB Percent	71%, 18%, 33%
CMY	0.2856, 0.8228, 0.6700
CMYK	0.00, 0.75, 0.54, 0.29
HSL	343°, 60%, 45%
HSV	343°, 75%, 71%
XYZ	21.8844, 12.5000, 9.6752
YIQ	90.4090, 69.1330, 41.1730

Conversions

Conversions Part 2

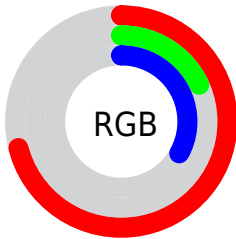
Format	Color
RYB	182, 45, 84
Decimal	11939156
CIELab	42.00, 56.46, 10.75
CIELCh	42, 57.471, 10.783
Yxy	12.5000, 0.4967, 0.2837
Android (android.graphics.Color)	4290129236 (0xFFB62D54)
YUV	90.4090, -3.1596, 80.3253
Hunter-Lab	35.3553, 48.6166, 8.5236

Details

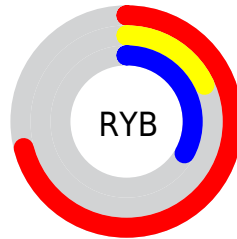
The CIELCh color **42, 57.471, 10.783** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **67, 46.160, 167.957**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **62, 57.390, 11.096**, and **25, 50.106, 16.636** is the 20% darker color. If you saturate the color by 10%, you get **40, 62.682, 14.925**, and if you desaturate by 10%, it is **45, 51.079, 7.488**.

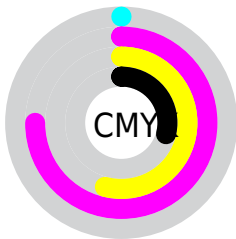
Distribution



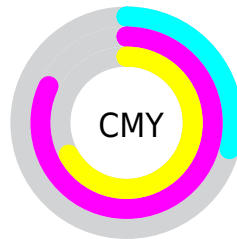
- Red (71%)
- Green (18%)
- Blue (33%)



- Red (71%)
- Yellow (18%)
- Blue (33%)



- Cyan (0%)
- Magenta (75%)
- Yellow (54%)
- Black (29%)



- Cyan (29%)
- Magenta (82%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 42, 57.471, 10.783 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, 57.471, 10.783 by changing the saturation by 10% instead.

■ 42, 57.471, 10.783

■ 42, 57.471, 10.783

■ 100, 57.471,
10.783

■ 32, 57.471, 10.783

■ 62, 57.471, 10.783

■ 22, 57.471, 10.783

■ 72, 57.471, 10.783

■ 12, 57.471, 10.783

■ 82, 57.471, 10.783

■ 2, 57.471, 10.783

■ 92, 57.471, 10.783

■ 0, 57.471, 10.783

■ 42, 57.471, 10.783

■ 42, 57.471, 10.783

■ 40, 62.682, 14.925

■ 45, 51.079, 7.488

■ 39, 66.753, 19.957

■ 48, 43.756, 4.880

38, 68.628, 22.453

52, 35.847, 2.800

57, 27.687, 1.110

62, 19.535,
359.707

66, 11.562,
358.511

71, 3.869, 357.419

77, 3.496, 176.777

82, 10.520,
175.906

Harmonies

Complementary

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



42, 57.471, 10.783



67, 46.160, 167.957

Rectangle

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



42, 57.471, 10.783



42, 57.471, 60.783



42, 57.471, 190.783



42, 57.471, 240.783

Sweetspot

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



42, 57.468, 10.785



80, 22.031, 359.478



39, 80.700, 318.256



40, 15.466, 359.943



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, 57.468, 10.785



51, 79.655, 18.012



45, 57.529, 41.816



36, 4.287, 357.875



32, 60.804, 21.683



2, 11.155, 2.651

Inverse Universe

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



42, 57.468, 10.785



51, 79.655, 18.012



59, 31.140, 227.550



36, 4.287, 357.875



32, 60.804, 21.683



2, 11.155, 2.651

Previews

White Background



This preview shows how the CIELCh color 42, 57.471, 10.783 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, 57.471, 10.783 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, 57.471, 10.783

Background



This preview shows how black text looks on a background with the CIELCh color 42, 57.471, 10.783.



This preview shows how white text looks on a background with the CIELCh color 42, 57.471, 10.783.

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, 57.471, 10.783

Protanopia

42, 7.855, 288.463

Deuteranopia

42, 14.590, 67.416



Tritanopia
42, 59.512, 29.643

Trichromacy



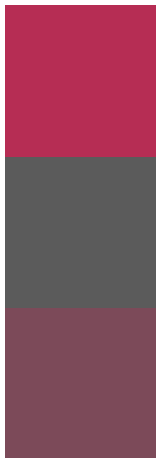
Original Color
42, 57.471, 10.783

Protanomaly
40, 24.861, 349.688

Deuteranomaly
41, 28.657, 21.538

Tritanomaly
42, 57.702, 23.084

Monochromacy



Original Color
42, 57.471, 10.783

Achromatopsia
39, 0.005, 296.813

Achromatomaly
38, 23.371, 0.584

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 42, 57.471, 10.783 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(182, 45, 84)` looks like.

```
.text, #text, p{  
    color:rgb(182, 45, 84)  
}
```

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(182, 45, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 45, 84) }
```

Border

The CSS property to change the border of an element to CIELCh 42, 57.471, 10.783 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(182, 45, 84) }
```

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

```
.border{ border-color:rgb(182, 45, 84) }
```

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

Here you see how a box with a 4 pixel rgb(182, 45, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 45, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 45, 84);  
box-shadow:4px 4px 4px 4px rgb(182, 45,  
84) }
```

Background

The CSS property to change the background color of an element to CIELCh 42, 57.471, 10.783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 45, 84) }
```

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

```
.background{ background-color: rgb(182, 45,  
84) }
```

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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