

Converting Colors

CIELCh(43, 61.041, 12.661)

Have a look what the booklet for
CIELCh(43, 61.041, 12.661) contains.

CIELCh(43, 61.062, 12.508)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(43, 61.062, 12.508)

Conversions

Conversions Part 1

Format	Color
Hex	BE2A53
RGB	190, 42, 83
RGB Percent	75%, 16%, 33%
CMY	0.2561, 0.8367, 0.6755
CMYK	0.00, 0.78, 0.56, 0.26
HSL	343°, 64%, 45%
HSV	343°, 78%, 74%
XYZ	23.5233, 13.1578, 9.4340
YIQ	90.9260, 75.0470, 44.1270

Conversions

Conversions Part 2

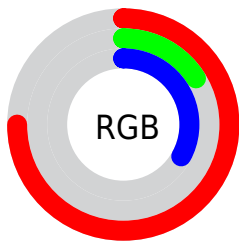
Format	Color
RYB	190, 42, 83
Decimal	12462675
CIELab	43.00, 59.61, 13.22
CIElCh	43, 61.062, 12.508
Yxy	13.1578, 0.5101, 0.2853
Android (android.graphics.Color)	4290652755 (0xFFBE2A53)
YUV	90.9260, -3.9075, 86.8879
Hunter-Lab	36.2736, 52.2776, 9.9716

Details

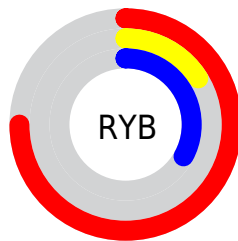
The CIELCh color **43, 61.062, 12.508** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **69, 48.434, 167.938**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 61.084, 12.764**, and **26, 52.709, 19.265** is the 20% darker color. If you saturate the color by 10%, you get **41, 66.139, 16.966**, and if you desaturate by 10%, it is **46, 54.757, 8.935**.

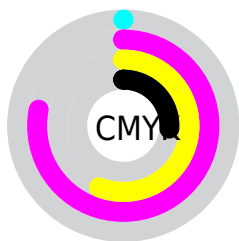
Distribution



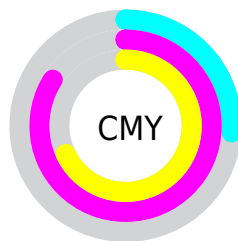
- Red (75%)
- Green (16%)
- Blue (33%)



- Red (75%)
- Yellow (16%)
- Blue (33%)



- Cyan (0%)
- Magenta (78%)
- Yellow (56%)
- Black (26%)



- Cyan (26%)
- Magenta (84%)
- Yellow (68%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 61.062, 12.508 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 43, 61.062, 12.508 by changing the saturation by 10% instead.

 43, 61.062, 12.508

 43, 61.062, 12.508

 100, 61.062,
12.508

 33, 61.062, 12.508

 63, 61.062, 12.508

 23, 61.062, 12.508

 73, 61.062, 12.508

 13, 61.062, 12.508

 83, 61.062, 12.508

 3, 61.062, 12.508

 93, 61.062, 12.508

 0, 61.062, 12.508

 43, 61.062, 12.508

 43, 61.062, 12.508

 41, 66.139, 16.966

 46, 54.757, 8.935

 40, 70.223, 22.206

 49, 47.410, 6.109

40, 71.043, 23.216

53, 39.361, 3.865

58, 30.969, 2.056

62, 22.525, 0.567

67, 14.232,
359.311

73, 6.212, 358.206

78, 1.474, 177.675

83, 8.804, 176.598

Harmonies

Complementary

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



43, 61.062, 12.508



69, 48.434, 167.938

Rectangle

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



43, 61.062, 12.508



43, 61.062, 62.508



43, 61.062, 192.508



43, 61.062, 242.508

Sweetspot

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



43, 61.059, 12.510



83, 22.739, 359.957



41, 85.419, 318.742



42, 15.968, 0.432



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



43, 61.059, 12.510



53, 84.489, 20.879



47, 61.606, 43.124



37, 4.372, 358.348



33, 61.767, 22.351



3, 12.766, 3.837

Inverse Universe

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



43, 61.059, 12.510



53, 84.489, 20.879



60, 32.708, 231.379



37, 4.372, 358.348



33, 61.767, 22.351



3, 12.766, 3.837

Previews

White Background



This preview shows how the CIELCh color 43, 61.062, 12.508 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 43, 61.062, 12.508 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

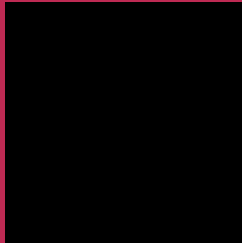
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 61.062, 12.508

Background



This preview shows how black text looks on a background with the CIELCh color 43, 61.062, 12.508.



This preview shows how white text looks on a background with the CIELCh color 43, 61.062, 12.508.

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





Tritanopia
43, 63.834, 30.692

Trichromacy



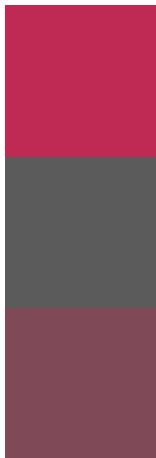
Original Color
43, 61.062, 12.508

Protanomaly
41, 25.753, 354.468

Deuteranomaly
41, 31.183, 24.219

Tritanomaly
43, 62.230, 24.102

Monochromacy



Original Color
43, 61.062, 12.508

Achromatopsia
39, 0.005, 296.813

Achromatomaly
38, 25.016, 2.566

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 61.062, 12.508 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(190, 42, 83)` looks like.

```
.text, #text, p{  
    color:rgb(190, 42, 83)  
}
```

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(190, 42, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 42, 83) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 61.062, 12.508 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(190, 42, 83) }
```

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

```
.border{ border-color:rgb(190, 42, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 42, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 42, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 42, 83);  
box-shadow:4px 4px 4px 4px rgb(190, 42,  
83) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 61.062, 12.508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 42, 83) }
```

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

```
.background{ background-color: rgb(190, 42,  
83) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor