

Converting Colors

CIELCh(43, 61.907, 7.751)

Have a look what the booklet for
CIELCh(43, 61.907, 7.751) contains.

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Color

CIELCh(43, 61.868, 7.359)

Conversions

Conversions Part 1

Format	Color
Hex	BE265B
RGB	190, 38, 91
RGB Percent	75%, 15%, 36%
CMY	0.2537, 0.8494, 0.6422
CMYK	0.00, 0.80, 0.52, 0.25
HSL	339°, 66%, 45%
HSV	339°, 80%, 75%
XYZ	23.9179, 13.1578, 11.2325
YIQ	89.4900, 73.5790, 48.7070

Conversions

Conversions Part 2

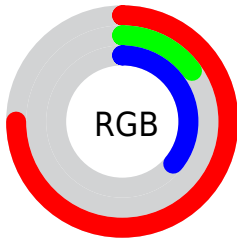
Format	Color
R_{YB}	190, 38, 91
Decimal	12461659
CIE _{Lab}	43.00, 61.36, 7.92
CIE _{LCh}	43, 61.868, 7.359
Yxy	13.1578, 0.4951, 0.2724
Android (android.graphics.Color)	4290651739 (0xFFBE265B)
YUV	89.4900, 0.7444, 88.1473
Hunter-Lab	36.2736, 54.2195, 7.0319

Details

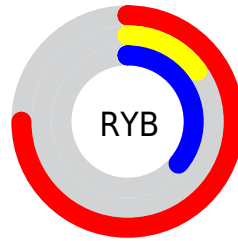
The CIELCh color **43, 61.868, 7.359** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **69, 53.069, 162.434**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 61.858, 7.142**, and **27, 51.761, 14.327** is the 20% darker color. If you saturate the color by 10%, you get **41, 65.937, 11.657**, and if you desaturate by 10%, it is **46, 56.321, 3.944**.

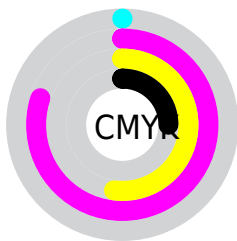
Distribution



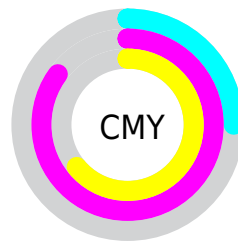
- Red (75%)
- Green (15%)
- Blue (36%)



- Red (75%)
- Yellow (15%)
- Blue (36%)



- Cyan (0%)
- Magenta (80%)
- Yellow (52%)
- Black (25%)




- Cyan (25%)
- Magenta (85%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 61.868, 7.359 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, 61.868, 7.359 by changing the saturation by 10% instead.

 43, 61.868, 7.359  43, 61.868, 7.359

 100, 61.868, 7.359  33, 61.868, 7.359

 63, 61.868, 7.359  23, 61.868, 7.359


 73, 61.868, 7.359  13, 61.868, 7.359

 83, 61.868, 7.359  3, 61.868, 7.359

 93, 61.868, 7.359  0, 61.868, 7.359

 43, 61.868, 7.359  43, 61.868, 7.359

 41, 65.937, 11.657  46, 56.321, 3.944

 40, 68.967, 16.713  49, 49.468, 1.247

 40, 69.022, 16.799  53, 41.670,

359.099

■ 57, 33.326,
357.354

■ 62, 24.772,
355.905

■ 67, 16.252,
354.672

■ 72, 7.922, 353.586

■ 77, 0.131, 176.094

■ 83, 7.866, 171.945

Harmonies

Complementary

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



43, 61.868, 7.359



69, 53.069, 162.434

Rectangle

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



43, 61.868, 7.359



43, 61.868, 57.359



43, 61.868, 187.359



43, 61.868, 237.359

Sweetspot

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



43, 61.865, 7.361



82, 24.500, 355.212



39, 87.309, 316.712



42, 17.046, 355.665



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, 61.865, 7.361



53, 83.031, 15.608



45, 65.626, 39.631



37, 4.533, 353.536



33, 59.990, 15.944



3, 13.038, 0.164

Inverse Universe

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



43, 61.865, 7.361



53, 83.031, 15.608



63, 33.366, 219.767



37, 4.533, 353.536



33, 59.990, 15.944



3, 13.038, 0.164

Previews

White Background



This preview shows how the CIELCh color 43, 61.868, 7.359 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 43, 61.868, 7.359 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, 61.868, 7.359

Background



This preview shows how black text looks on a background with the CIELCh color 43, 61.868, 7.359.



This preview shows how white text looks on a background with the CIELCh color 43, 61.868, 7.359.

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

43, 61.868, 7.359

Protanopia

44, 13.856, 285.959

Deuteranopia

43, 12.793, 64.240



Tritanopia
43, 63.834, 30.692

Trichromacy



Original Color
43, 61.868, 7.359

Protanomaly
41, 29.252, 339.889

Deuteranomaly
41, 30.460, 13.296

Tritanomaly
43, 61.923, 22.291

Monochromacy



Original Color
43, 61.868, 7.359

Achromatopsia
38, 0.005, 296.813

Achromatomaly
37, 26.076, 357.905

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 61.868, 7.359 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, 38, 91)` looks like.

```
.text, #text, p{  
    color:rgb(190, 38, 91)  
}
```

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, 38, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 38, 91) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 61.868, 7.359 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, 38, 91) }
```

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

```
.border{ border-color:rgb(190, 38, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 38, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 38, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 38, 91);  
box-shadow:4px 4px 4px 4px rgb(190, 38,  
91) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 61.868, 7.359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 38, 91) }
```

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

```
.background{ background-color: rgb(190, 38,  
91) }
```

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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