

Converting Colors

CIELCh(41, 59.289, 7.365)

Have a look what the booklet for
CIELCh(41, 59.289, 7.365) contains.

CIELCh(41, 59.341, 7.209)	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(41, 59.341, 7.209)

Conversions

Conversions Part 1

Format	Color
Hex	B52557
RGB	181, 37, 87
RGB Percent	71%, 15%, 34%
CMY	0.2896, 0.8542, 0.6584
CMYK	0.00, 0.79, 0.52, 0.29
HSL	339°, 66%, 43%
HSV	339°, 79%, 71%
XYZ	21.4810, 11.8645, 10.1987
YIQ	85.7560, 69.7740, 46.0780

Conversions

Conversions Part 2

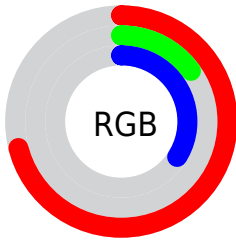
Format	Color
R_{YB}	181, 37, 87
Decimal	11871575
CIE Lab	41.00, 58.87, 7.45
CIE LCh	41, 59.341, 7.209
Yxy	11.8645, 0.4933, 0.2725
Android (android.graphics.Color)	4290061655 (0xFFB52557)
YUV	85.7560, 0.6133, 83.5290
Hunter-Lab	34.4449, 51.0397, 6.5564

Details

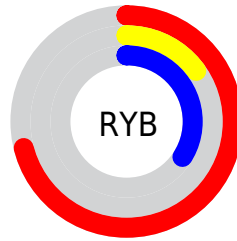
The CIELCh color **41, 59.341, 7.209** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **66, 50.839, 162.628**, and the grayscale version is **37, 0.005, 296.813**.

A 20% lighter version of the original color is **61, 59.473, 6.968**, and **25, 49.519, 14.832** is the 20% darker color. If you saturate the color by 10%, you get **39, 63.349, 11.438**, and if you desaturate by 10%, it is **44, 53.921, 3.849**.

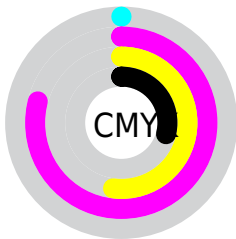
Distribution



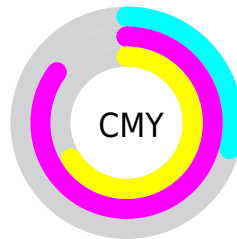
- Red (71%)
- Green (15%)
- Blue (34%)



- Red (71%)
- Yellow (15%)
- Blue (34%)



- Cyan (0%)
- Magenta (79%)
- Yellow (52%)
- Black (29%)



- Cyan (29%)
- Magenta (85%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 41, 59.341, 7.209 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 41, 59.341, 7.209 by changing the saturation by 10% instead.

 41, 59.341, 7.209  41, 59.341, 7.209

 100, 59.341, 7.209  31, 59.341, 7.209

 61, 59.341, 7.209  21, 59.341, 7.209

 71, 59.341, 7.209  11, 59.341, 7.209

 81, 59.341, 7.209  1, 59.341, 7.209

 91, 59.341, 7.209  0, 59.341, 7.209

 41, 59.341, 7.209  41, 59.341, 7.209

 39, 63.349, 11.438  44, 53.921, 3.849

 38, 66.339, 16.427  47, 47.272, 1.193

 38, 66.505, 16.686  50, 39.742,

359.075

■ 55, 31.709,
357.351

■ 59, 23.491,
355.918

■ 64, 15.315,
354.695

■ 69, 7.326, 353.616

■ 74, 0.394, 173.842

■ 79, 7.808, 171.989

Harmonies

Complementary

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



41, 59.341, 7.209



66, 50.839, 162.628

Rectangle

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



41, 59.341, 7.209



41, 59.341, 57.209



41, 59.341, 187.209



41, 59.341, 237.209

Sweetspot

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



41, 59.338, 7.211



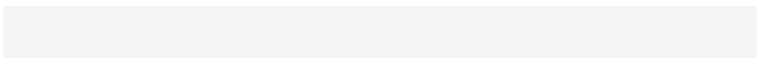
78, 23.456, 355.275



37, 83.718, 316.721



39, 16.173, 355.714



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



41, 59.338, 7.211



50, 79.406, 15.007



43, 62.696, 39.531



36, 4.428, 353.603



32, 59.281, 15.963



2, 11.388, 359.254

Inverse Universe

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



41, 59.338, 7.211



50, 79.406, 15.007



61, 32.073, 219.643



36, 4.428, 353.603



32, 59.281, 15.963



2, 11.388, 359.254

Previews

White Background



This preview shows how the CIELCh color 41, 59.341, 7.209 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 41, 59.341, 7.209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

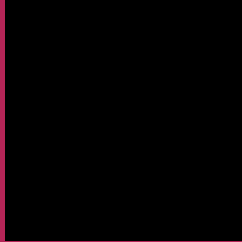
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 59.341, 7.209

Background



This preview shows how black text looks on a background with the CIELCh color 41, 59.341, 7.209.



This preview shows how white text looks on a background with the CIELCh color 41, 59.341, 7.209.

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

41, 59.341, 7.209

Protanopia

42, 13.377, 285.682

Deuteranopia

41, 12.149, 63.798



Tritanopia
41, 61.134, 30.486

Trichromacy



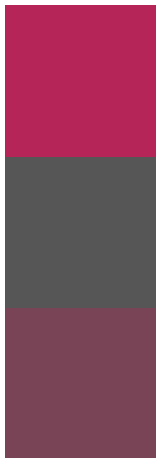
Original Color
41, 59.341, 7.209

Protanomaly
39, 27.849, 339.929

Deuteranomaly
39, 29.374, 12.779

Tritanomaly
41, 59.472, 22.142

Monochromacy



Original Color
41, 59.341, 7.209

Achromatopsia
37, 0.005, 296.813

Achromatomaly
36, 25.258, 358.309

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 59.341, 7.209 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(181, 37, 87)` looks like.

```
.text, #text, p{  
    color:rgb(181, 37, 87)  
}
```

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(181, 37, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 37, 87) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 59.341, 7.209 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(181, 37, 87) }
```

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

```
.border{ border-color:rgb(181, 37, 87) }
```

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

Here you see how a box with a 4 pixel rgb(181, 37, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 37, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 37, 87);  
box-shadow:4px 4px 4px 4px rgb(181, 37,  
87) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 59.341, 7.209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 37, 87) }
```

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

```
.background{ background-color: rgb(181, 37,  
87) }
```

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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