

Converting Colors

CIELCh(41, 65.265, 6.772)

Have a look what the booklet for
CIELCh(41, 65.265, 6.772) contains.

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Color

CIELCh(41, 65.222, 6.683)

Conversions

Conversions Part 1

Format	Color
Hex	BC1357
RGB	188, 19, 87
RGB Percent	74%, 7%, 34%
CMY	0.2617, 0.9273, 0.6580
CMYK	0.00, 0.90, 0.54, 0.26
HSL	336°, 82%, 41%
HSV	336°, 90%, 74%
XYZ	22.7552, 11.8645, 10.1504
YIQ	77.2830, 78.8960, 56.9760

Conversions

Conversions Part 2

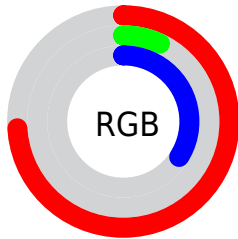
Format	Color
R_{YB}	188, 19, 87
Decimal	12325719
CIE Lab	41.00, 64.78, 7.59
CIE LCh	41, 65.222, 6.683
Yxy	11.8645, 0.5083, 0.2650
Android (android.graphics.Color)	4290515799 (0xFFBC1357)
YUV	77.2830, 4.7905, 97.0988
Hunter-Lab	34.4449, 57.6431, 6.6395

Details

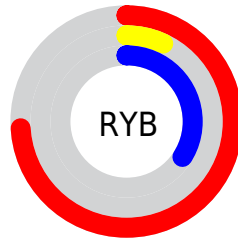
The CIELCh color **41, 65.222, 6.683** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **68, 60.270, 156.625**, and the grayscale version is **33, 0.005, 296.813**.

A 20% lighter version of the original color is **61, 65.220, 7.032**, and **26, 51.560, 16.616** is the 20% darker color. If you saturate the color by 10%, you get **40, 67.467, 11.300**, and if you desaturate by 10%, it is **43, 61.750, 2.745**.

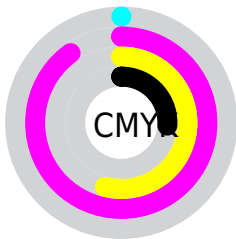
Distribution



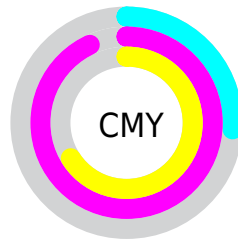
- Red (74%)
- Green (7%)
- Blue (34%)



- Red (74%)
- Yellow (7%)
- Blue (34%)



- Cyan (0%)
- Magenta (90%)
- Yellow (54%)
- Black (26%)



- Cyan (26%)
- Magenta (93%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 41, 65.222, 6.683 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, 65.222, 6.683 by changing the saturation by 10% instead.

 41, 65.222, 6.683  41, 65.222, 6.683

 100, 65.222, 6.683  31, 65.222, 6.683

 61, 65.222, 6.683  21, 65.222, 6.683


 71, 65.222, 6.683  11, 65.222, 6.683

 81, 65.222, 6.683  1, 65.222, 6.683

 91, 65.222, 6.683  0, 65.222, 6.683

 41, 65.222, 6.683  41, 65.222, 6.683

 40, 67.467, 11.300  43, 61.750, 2.745

 45, 56.635,
359.629

■ 48, 50.061,
357.166

■ 52, 42.414,
355.190

■ 57, 34.114,
353.571

■ 61, 25.517,
352.210

■ 66, 16.886,
351.039

■ 71, 8.390, 349.999

■ 76, 0.133, 345.985

Harmonies

Complementary

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



41, 65.222, 6.683



68, 60.270, 156.625

Rectangle

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



41, 65.222, 6.683



41, 65.222, 56.683



41, 65.222, 186.683



41, 65.222, 236.683

Sweetspot

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



41, 65.219, 6.685



80, 28.216, 351.876



34, 93.597, 314.512



40, 19.057, 352.298



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



41, 65.219, 6.685



52, 82.316, 12.241



41, 75.817, 39.020



37, 4.685, 349.918



33, 59.224, 10.544



3, 13.317, 357.086

Inverse Universe

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



41, 65.219, 6.685



52, 82.316, 12.241



65, 35.644, 209.627



37, 4.685, 349.918



33, 59.224, 10.544



3, 13.317, 357.086

Previews

White Background



This preview shows how the CIELCh color 41, 65.222, 6.683 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, 65.222, 6.683 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, 65.222, 6.683

Background



This preview shows how black text looks on a background with the CIELCh color 41, 65.222, 6.683.



This preview shows how white text looks on a background with the CIELCh color 41, 65.222, 6.683.

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](#).

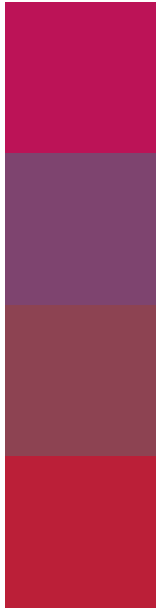
Dichromacy





Tritanopia
41, 68.747, 33.562

Trichromacy



Original Color
41, 65.078, 6.765

Protanomaly
37, 34.268, 335.831

Deuteranomaly
38, 33.512, 10.205

Tritanomaly
41, 65.966, 24.287

Monochromacy



Original Color
41, 65.078, 6.765

Achromatopsia
33, 0.005, 296.813

Achromatomaly
32, 29.954, 354.810

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 65.222, 6.683 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(188, 19, 87)` looks like.

```
.text, #text, p{  
    color:rgb(188, 19, 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(188, 19, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 19, 87) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 65.222, 6.683 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(188, 19, 87) }
```

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

```
.border{ border-color:rgb(188, 19, 87) }
```

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

Here you see how a box with a 4 pixel rgb(188, 19, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 19, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 19, 87);  
box-shadow:4px 4px 4px 4px rgb(188, 19,  
87) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 65.222, 6.683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 19, 87) }
```

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

```
.background{ background-color: rgb(188, 19,  
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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