

Converting Colors

CIELCh(43, 65.636, 350.985)

Have a look what the booklet for
CIELCh(43, 65.636, 350.985)
contains.

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Color

CIELCh(43, 65.575, 351.136)

Conversions

Conversions Part 1

Format	Color
Hex	BC2178
RGB	188, 33, 120
RGB Percent	74%, 13%, 47%
CMY	0.2624, 0.8700, 0.5291
CMYK	0.00, 0.82, 0.36, 0.26
HSL	326°, 70%, 43%
HSV	326°, 82%, 74%
XYZ	24.7069, 13.1578, 19.0339
YIQ	89.2630, 64.4530, 59.9170

Conversions

Conversions Part 2

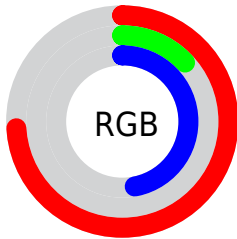
Format	Color
R _Y B	188, 33, 120
Decimal	12329336
CIE Lab	43.00, 64.79, -10.10
CIE LCh	43, 65.575, 351.136
Yxy	13.1578, 0.4342, 0.2312
Android (android.graphics.Color)	4290519416 (0xFFBC2178)
YUV	89.2630, 15.1533, 86.5923
Hunter-Lab	36.2736, 58.1019, -5.7198

Details

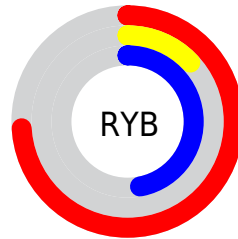
The CIELCh color **43, 65.575, 351.136** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **67, 66.529, 149.986**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 65.415, 351.166**, and **27, 52.106, 355.421** is the 20% darker color. If you saturate the color by 10%, you get **42, 67.770, 353.914**, and if you desaturate by 10%, it is **45, 61.311, 348.924**.

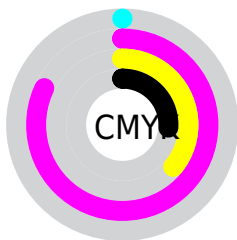
Distribution



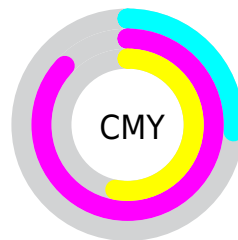
- Red (74%)
- Green (13%)
- Blue (47%)



- Red (74%)
- Yellow (13%)
- Blue (47%)



- Cyan (0%)
- Magenta (82%)
- Yellow (36%)
- Black (26%)





- Cyan (26%)
- Magenta (87%)
- Yellow (53%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 65.575, 351.136 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, 65.575, 351.136 by changing the saturation by 10% instead.


 43, 65.575,
351.136


 43, 65.575,
351.136


 100, 65.575,
351.136


 33, 65.575,
351.136

 63, 65.575,
351.136


 23, 65.575,
351.136

 73, 65.575,
351.136

 13, 65.575,
351.136

 83, 65.575,
351.136

 3, 65.575, 351.136

 93, 65.575,
351.136

 0, 65.575, 351.136

 43, 65.575,

 43, 65.575,

351.136

■ 42, 67.770,
353.914

■ 41, 68.454,
356.383

351.136

■ 45, 61.311,
348.924

■ 48, 55.187,
347.137

■ 52, 47.621,
345.659

■ 56, 39.083,
344.404

■ 60, 29.991,
343.310

■ 65, 20.668,
342.336

■ 70, 11.342,
341.448

■ 75, 2.157, 340.514

Harmonies

Complementary

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



43, 65.575, 351.136



67, 66.529, 149.986

Rectangle

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



43, 65.575, 351.136



43, 65.575, 41.136



43, 65.575, 171.136



43, 65.575, 221.136

Sweetspot

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



43, 65.572, 351.137



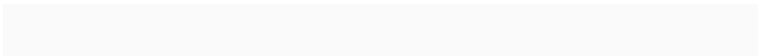
81, 28.647, 342.621



33, 90.467, 310.945



41, 19.557, 342.962



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



43, 65.572, 351.137



53, 83.178, 356.681



41, 68.940, 30.522



37, 5.192, 341.189



34, 60.317, 355.869



3, 14.475, 347.993

Inverse Universe

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



43, 65.572, 351.137



53, 83.178, 356.681



69, 40.132, 188.106



37, 5.192, 341.189



34, 60.317, 355.869



3, 14.475, 347.993

Previews

White Background



This preview shows how the CIELCh color 43, 65.575, 351.136 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, 65.575, 351.136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

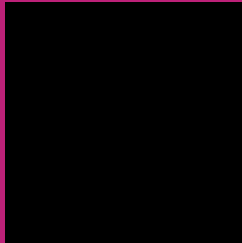
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 65.575, 351.136

Background



This preview shows how black text looks on a background with the CIELCh color 43, 65.575, 351.136.

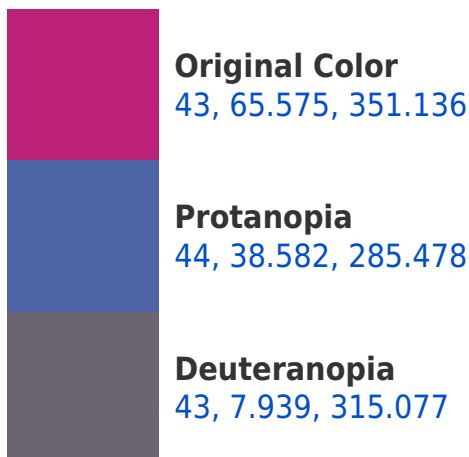


This preview shows how white text looks on a background with the CIELCh color 43, 65.575, 351.136.

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, 59.040, 28.769

Trichromacy



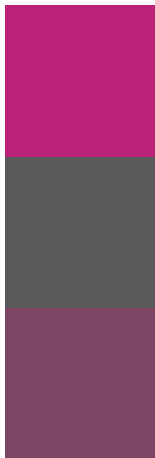
Original Color
43, 65.575, 351.136

Protanomaly
40, 46.362, 313.837

Deuteranomaly
41, 33.250, 340.426

Tritanomaly
43, 58.084, 13.676

Monochromacy



Original Color
43, 65.575, 351.136

Achromatopsia
38, 0.005, 296.813

Achromatomaly
37, 29.436, 344.925

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 65.575, 351.136 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, 33, 120)` looks like.

```
.text, #text, p{  
    color:rgb(188, 33, 120)  
}
```

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, 33, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 33, 120) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 65.575, 351.136 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, 33, 120) }
```

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

```
.border{ border-color:rgb(188, 33, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 33, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(188, 33, 120); -webkit-box-shadow:4px 4px 4px 4px rgb(188, 33, 120); box-shadow:4px 4px 4px 4px rgb(188, 33, 120) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 65.575, 351.136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 33, 120) }
```

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

```
.background{ background-color: rgb(188, 33,  
120) }
```

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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