

Converting Colors

CIELCh(44, 65.545, 354.699)

Have a look what the booklet for
CIELCh(44, 65.545, 354.699)
contains.

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Color

CIELCh(44, 65.410, 354.680)

Conversions

Conversions Part 1

Format	Color
Hex	C12374
RGB	193, 35, 116
RGB Percent	76%, 14%, 45%
CMY	0.2425, 0.8618, 0.5446
CMYK	0.00, 0.82, 0.40, 0.24
HSL	329°, 69%, 45%
HSV	329°, 82%, 76%
XYZ	25.8020, 13.8382, 17.8759
YIQ	91.4760, 68.1670, 58.6870

Conversions

Conversions Part 2

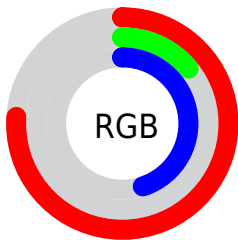
Format	Color
R_{YB}	193, 35, 116
Decimal	12657524
CIE _{Lab}	44.00, 65.13, -6.06
CIE _{LCh}	44, 65.410, 354.680
Yxy	13.8382, 0.4486, 0.2406
Android (android.graphics.Color)	4290847604 (0xFFC12374)
YUV	91.4760, 12.0903, 89.0365
Hunter-Lab	37.1997, 58.7093, -2.4512

Details

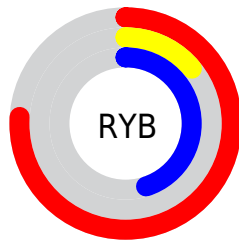
The CIELCh color **44, 65.410, 354.680** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark muted rose. A complement of this color would be **69, 64.551, 152.397**, and the grayscale version is **39, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 65.372, 354.720**, and **28, 52.752, 0.085** is the 20% darker color. If you saturate the color by 10%, you get **42, 67.924, 357.874**, and if you desaturate by 10%, it is **46, 60.889, 352.154**.

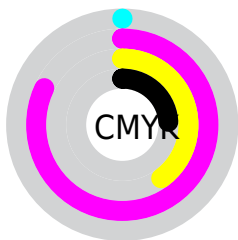
Distribution



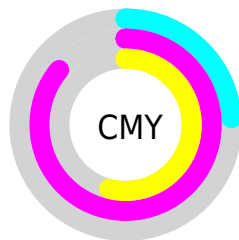
- Red (76%)
- Green (14%)
- Blue (45%)



- Red (76%)
- Yellow (14%)
- Blue (45%)



- Cyan (0%)
- Magenta (82%)
- Yellow (40%)
- Black (24%)




- Cyan (24%)
- Magenta (86%)
- Yellow (54%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 65.410, 354.680 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 44, 65.410, 354.680 by changing the saturation by 10% instead.


 44, 65.410,
354.680


 44, 65.410,
354.680


 100, 65.410,
354.680

 34, 65.410,
354.680

 64, 65.410,
354.680


 24, 65.410,
354.680

 74, 65.410,
354.680

 14, 65.410,
354.680


 84, 65.410,
354.680

 4, 65.410, 354.680

 94, 65.410,
354.680

 0, 65.410, 354.680

 44, 65.410,

 44, 65.410,

354.680

354.680

■ 42, 67.924,
357.874

■ 46, 60.889,
352.154

■ 42, 68.899, 0.979

■ 49, 54.571,
350.134

■ 53, 46.875,
348.486

■ 57, 38.270,
347.106

■ 62, 29.171,
345.920

■ 67, 19.892,
344.877

■ 72, 10.649,
343.935

■ 77, 1.579, 342.889

Harmonies

Complementary

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



44, 65.410, 354.680



69, 64.551, 152.397

Rectangle

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



44, 65.410, 354.680



44, 65.410, 44.680



44, 65.410, 174.680



44, 65.410, 224.680

Sweetspot

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



44, 65.407, 354.681



82, 28.237, 345.241



35, 91.338, 312.146



42, 19.292, 345.612



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



44, 65.407, 354.681



54, 83.322, 0.881



42, 72.056, 33.461



38, 5.133, 343.718



34, 60.185, 0.357



3, 15.941, 351.597

Inverse Universe

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



44, 65.407, 354.681



54, 83.322, 0.881



71, 39.380, 194.344



38, 5.133, 343.718



34, 60.185, 0.357



3, 15.941, 351.597

Previews

White Background



This preview shows how the CIELCh color 44, 65.410, 354.680 looks on a white background.

Color Contrast Check

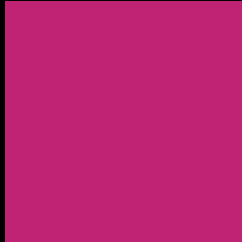
Large Text (above 18pt) WCAG AA ✓ Pass

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 44, 65.410, 354.680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

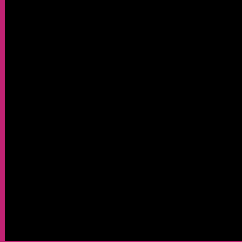
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 65.410, 354.680

Background



This preview shows how black text looks on a background with the CIELCh color 44, 65.410, 354.680.



This preview shows how white text looks on a background with the CIELCh color 44, 65.410, 354.680.

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](#).

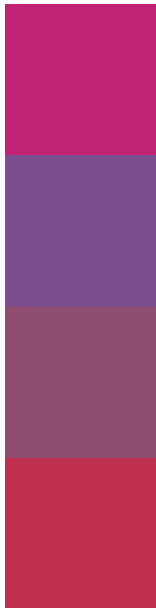
Dichromacy





Tritanopia
44, 61.745, 29.696

Trichromacy



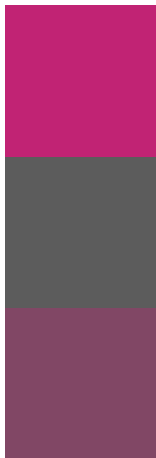
Original Color
44, 65.410, 354.680

Protanomaly
41, 42.429, 318.325

Deuteranomaly
42, 32.447, 347.720

Tritanomaly
44, 60.124, 16.229

Monochromacy



Original Color
44, 65.410, 354.680

Achromatopsia
39, 0.006, 296.813

Achromatomaly
38, 29.679, 347.038

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 65.410, 354.680 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(193, 35, 116)` looks like.

```
.text, #text, p{  
    color:rgb(193, 35, 116)  
}
```

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(193, 35, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 35, 116) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 65.410, 354.680 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(193, 35, 116) }
```

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

```
.border{ border-color:rgb(193, 35, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 35, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(193, 35, 116); -webkit-box-shadow:4px 4px 4px 4px rgb(193, 35, 116); box-shadow:4px 4px 4px 4px rgb(193, 35, 116) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 65.410, 354.680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 35, 116) }
```

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

```
.background{ background-color: rgb(193, 35,  
116) }
```

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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