

Converting Colors

CIELCh(44, 66.430, 344.851)

Have a look what the booklet for
CIELCh(44, 66.430, 344.851)
contains.

CIELCh(44, 66.267, 345.060)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(44, 66.267, 345.060)

Conversions

Conversions Part 1

Format	Color
Hex	BB2986
RGB	187, 41, 134
RGB Percent	73%, 16%, 53%
CMY	0.2672, 0.8399, 0.4750
CMYK	0.00, 0.78, 0.28, 0.27
HSL	322°, 64%, 45%
HSV	322°, 78%, 73%
XYZ	25.5396, 13.8382, 23.8332
YIQ	95.2560, 57.1630, 59.8750

Conversions

Conversions Part 2

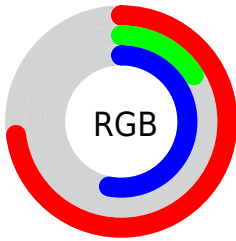
Format	Color
R_{YB}	187, 41, 134
Decimal	12265862
CIE _{Lab}	44.00, 64.03, -17.08
CIE _{LCh}	44, 66.267, 345.060
Yxy	13.8382, 0.4040, 0.2189
Android (android.graphics.Color)	4290455942 (0xFFBB2986)
YUV	95.2560, 19.1008, 80.4595
Hunter-Lab	37.1997, 57.4501, -11.9461

Details

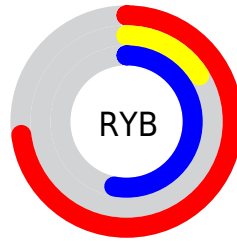
The CIELCh color **44, 66.267, 345.060** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **67, 68.135, 147.588**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 66.289, 345.222**, and **28, 54.401, 347.822** is the 20% darker color. If you saturate the color by 10%, you get **42, 69.287, 346.989**, and if you desaturate by 10%, it is **47, 61.122, 343.483**.

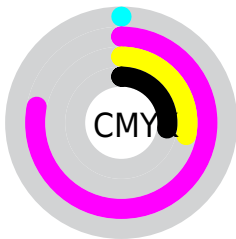
Distribution



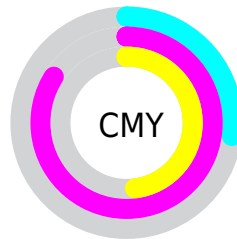
- Red (73%)
- Green (16%)
- Blue (53%)



- Red (73%)
- Yellow (16%)
- Blue (53%)



- Cyan (0%)
- Magenta (78%)
- Yellow (28%)
- Black (27%)





- Cyan (27%)
- Magenta (84%)
- Yellow (48%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 66.267, 345.060 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, 66.267, 345.060 by changing the saturation by 10% instead.


 44, 66.267,
345.060


 44, 66.267,
345.060


 100, 66.267,
345.060


 34, 66.267,
345.060

 64, 66.267,
345.060


 24, 66.267,
345.060

 74, 66.267,
345.060

 14, 66.267,
345.060

 84, 66.267,
345.060

 4, 66.267, 345.060

 94, 66.267,
345.060

 0, 66.267, 345.060

 44, 66.267,

 44, 66.267,

345.060

345.060

■ 42, 69.287,
346.989

■ 47, 61.122,
343.483

■ 41, 70.303,
349.342

■ 50, 54.192,
342.162

■ 41, 70.430,
349.798

■ 53, 45.938,
341.024

■ 58, 36.828,
340.017

■ 62, 27.255,
339.108

■ 67, 17.513,
338.273

■ 72, 7.802, 337.484

■ 77, 1.747, 157.012

■ 82, 11.061,
156.185

Harmonies

Complementary

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



44, 66.267, 345.060



67, 68.135, 147.588

Rectangle

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



44, 66.267, 345.060



44, 66.267, 35.060



44, 66.267, 165.060



44, 66.267, 215.060

Sweetspot

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



44, 66.264, 345.061



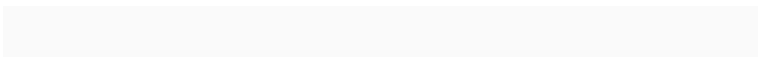
82, 27.476, 338.702



33, 87.135, 308.977



42, 19.188, 339.010



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



44, 66.264, 345.061



54, 85.217, 348.700



42, 62.652, 22.753



37, 5.477, 337.580



34, 62.392, 349.427



3, 15.280, 343.471

Inverse Universe

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



44, 66.264, 345.061



54, 85.217, 348.700



69, 42.047, 179.369



37, 5.477, 337.580



34, 62.392, 349.427



3, 15.280, 343.471

Previews

White Background



This preview shows how the CIELCh color 44, 66.267, 345.060 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, 66.267, 345.060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

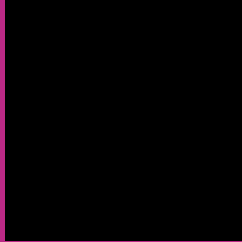
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 66.267, 345.060

Background



This preview shows how black text looks on a background with the CIELCh color 44, 66.267, 345.060.



This preview shows how white text looks on a background with the CIELCh color 44, 66.267, 345.060.

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

44, 66.267, 345.060

Protanopia

45, 45.583, 285.834

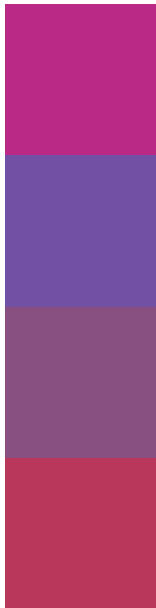
Deuteranopia

45, 13.812, 295.244



Tritanopia
44, 54.034, 26.545

Trichromacy



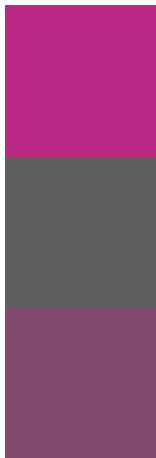
Original Color
44, 66.267, 345.060

Protanomaly
41, 51.210, 308.854

Deuteranomaly
42, 35.740, 329.864

Tritanomaly
44, 54.799, 9.445

Monochromacy



Original Color
44, 66.267, 345.060

Achromatopsia
40, 0.006, 296.813

Achromatomaly
39, 29.388, 339.995

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 66.267, 345.060 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(187, 41, 134)` looks like.

```
.text, #text, p{  
    color:rgb(187, 41, 134)  
}
```

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(187, 41, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 41, 134) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 66.267, 345.060 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(187, 41, 134) }
```

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

```
.border{ border-color:rgb(187, 41, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 41, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 41, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 41, 134);  
box-shadow:4px 4px 4px 4px rgb(187, 41,  
134) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 66.267, 345.060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 41, 134) }
```

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

```
.background{ background-color: rgb(187, 41,  
134) }
```

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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