

Converting Colors

CIELCh(44, 59.214, 12.877)

Have a look what the booklet for
CIELCh(44, 59.214, 12.877) contains.

CIELCh(44, 59.012, 12.859)	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(44, 59.012, 12.859)

Conversions

Conversions Part 1

Format	Color
Hex	BE3155
RGB	190, 49, 85
RGB Percent	75%, 19%, 33%
CMY	0.2542, 0.8071, 0.6661
CMYK	0.00, 0.74, 0.55, 0.25
HSL	345°, 59%, 47%
HSV	345°, 74%, 75%
XYZ	24.0281, 13.8382, 10.0265
YIQ	95.2630, 72.4800, 41.0880

Conversions

Conversions Part 2

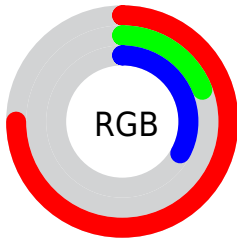
Format	Color
R_{YB}	190, 49, 85
Decimal	12464469
CIE _{Lab}	44.00, 57.53, 13.13
CIE _{LCh}	44, 59.012, 12.859
Yxy	13.8382, 0.5017, 0.2889
Android (android.graphics.Color)	4290654549 (0xFFBE3155)
YUV	95.2630, -5.0597, 83.0843
Hunter-Lab	37.1997, 50.1973, 10.0593

Details

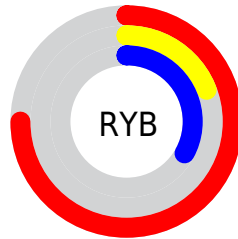
The CIELCh color **44, 59.012, 12.859** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **69, 45.927, 170.419**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 58.758, 13.121**, and **26, 52.392, 17.874** is the 20% darker color. If you saturate the color by 10%, you get **42, 64.824, 17.038**, and if you desaturate by 10%, it is **47, 52.083, 9.527**.

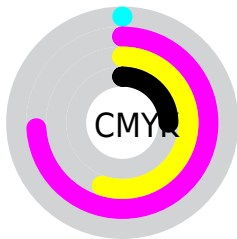
Distribution



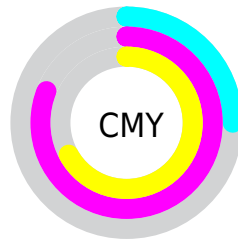
- Red (75%)
- Green (19%)
- Blue (33%)



- Red (75%)
- Yellow (19%)
- Blue (33%)



- Cyan (0%)
- Magenta (74%)
- Yellow (55%)
- Black (25%)



- Cyan (25%)
- Magenta (81%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 59.012, 12.859 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, 59.012, 12.859 by changing the saturation by 10% instead.

■ 44, 59.012, 12.859

■ 44, 59.012, 12.859

■ 100, 59.012,
12.859

■ 34, 59.012, 12.859

■ 64, 59.012, 12.859

■ 24, 59.012, 12.859

■ 74, 59.012, 12.859

■ 14, 59.012, 12.859

■ 84, 59.012, 12.859

■ 4, 59.012, 12.859

■ 94, 59.012, 12.859

■ 0, 59.012, 12.859

■ 44, 59.012, 12.859

■ 44, 59.012, 12.859

■ 42, 64.824, 17.038

■ 47, 52.083, 9.527

■ 40, 69.527, 22.085

■ 51, 44.298, 6.891

40, 72.095, 25.180

55, 36.007, 4.792

60, 27.539, 3.094

64, 19.143, 1.690

70, 10.980, 0.497

75, 3.142, 359.383

80, 4.335, 178.769

86, 11.443,
177.929

Harmonies

Complementary

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



44, 59.012, 12.859



69, 45.927, 170.419

Rectangle

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



44, 59.012, 12.859



44, 59.012, 62.859



44, 59.012, 192.859



44, 59.012, 242.859

Sweetspot

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



44, 59.009, 12.861



83, 21.526, 1.464



42, 82.586, 319.281



43, 14.660, 1.815



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, 59.009, 12.861



53, 82.730, 20.124



49, 57.598, 43.931



37, 4.327, 359.974



33, 62.517, 24.308



3, 12.690, 5.050

Inverse Universe

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



44, 59.009, 12.861



53, 82.730, 20.124



60, 32.088, 233.235



37, 4.327, 359.974



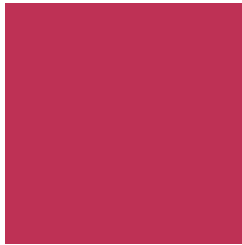
33, 62.517, 24.308



3, 12.690, 5.050

Previews

White Background



This preview shows how the CIELCh color 44, 59.012, 12.859 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 CIELCh color 44, 59.012, 12.859 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, 59.012, 12.859

Background



This preview shows how black text looks on a background with the CIELCh color 44, 59.012, 12.859.

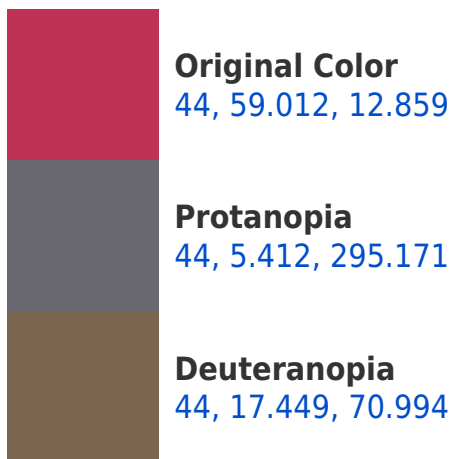


This preview shows how white text looks on a background with the CIELCh color 44, 59.012, 12.859.

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, 61.096, 29.135

Trichromacy



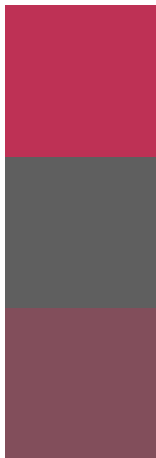
Original Color
44, 59.012, 12.859

Protanomaly
42, 24.465, 355.758

Deuteranomaly
43, 30.152, 24.977

Tritanomaly
44, 59.531, 23.322

Monochromacy



Original Color
44, 59.012, 12.859

Achromatopsia
40, 0.006, 296.813

Achromatomaly
39, 23.770, 4.206

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 59.012, 12.859 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(190, 49, 85)` looks like.

```
.text, #text, p{  
    color:rgb(190, 49, 85)  
}
```

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(190, 49, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 49, 85) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 59.012, 12.859 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(190, 49, 85) }
```

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

```
.border{ border-color:rgb(190, 49, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 49, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 49, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 49, 85);  
box-shadow:4px 4px 4px 4px rgb(190, 49,  
85) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 59.012, 12.859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 49, 85) }
```

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

```
.background{ background-color: rgb(190, 49,  
85) }
```

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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