

Converting Colors

CIELCh(44, 62.339, 6.625)

Have a look what the booklet for
CIELCh(44, 62.339, 6.625) contains.

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Color

CIELCh(44, 62.339, 6.616)

Conversions

Conversions Part 1

Format	Color
Hex	C2295F
RGB	194, 41, 95
RGB Percent	76%, 16%, 37%
CMY	0.2400, 0.8400, 0.6280
CMYK	0.00, 0.79, 0.51, 0.24
HSL	339°, 65%, 46%
HSV	339°, 79%, 76%
XYZ	25.0434, 13.8382, 12.1419
YIQ	92.9030, 73.8540, 49.2300

Conversions

Conversions Part 2

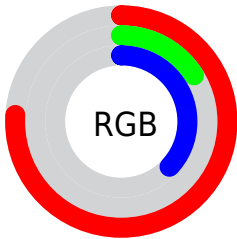
Format	Color
RYB	194, 41, 95
Decimal	12724575
CIELab	44.00, 61.92, 7.18
CIElCh	44, 62.339, 6.616
Yxy	13.8382, 0.4908, 0.2712
Android (android.graphics.Color)	4290914655 (0xFFC2295F)
YUV	92.9030, 1.0338, 88.6621
Hunter-Lab	37.1997, 55.0693, 6.6877

Details

The CIELCh color **44, 62.339, 6.616** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted red. A complement of this color would be **70, 53.764, 162.215**, and the grayscale version is **39, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 62.142, 6.637**, and **28, 52.779, 13.394** is the 20% darker color. If you saturate the color by 10%, you get **42, 66.527, 10.816**, and if you desaturate by 10%, it is **47, 56.631, 3.287**.

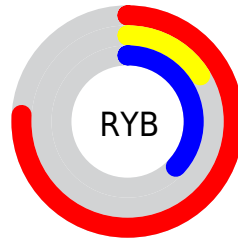
Distribution



Red (76%)

Green (16%)

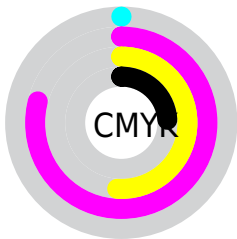
Blue (37%)



Red (76%)

Yellow (16%)

Blue (37%)

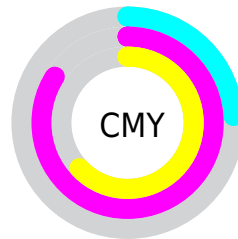


Cyan (0%)

Magenta (79%)

Yellow (51%)

Black (24%)



Cyan (24%)

Magenta (84%)

Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 62.339, 6.616 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, 62.339, 6.616 by changing the saturation by 10% instead.

 44, 62.339, 6.616  44, 62.339, 6.616

 100, 62.339, 6.616  34, 62.339, 6.616

 64, 62.339, 6.616  24, 62.339, 6.616

 74, 62.339, 6.616  14, 62.339, 6.616

 84, 62.339, 6.616  4, 62.339, 6.616

 94, 62.339, 6.616  0, 62.339, 6.616

 44, 62.339, 6.616  44, 62.339, 6.616

 42, 66.527, 10.816  47, 56.631, 3.287

 41, 69.531, 15.838  50, 49.606, 0.658

 41, 69.856, 16.364  54, 41.640,

358.561

■ 59, 33.140,
356.854

■ 63, 24.443,
355.431

■ 68, 15.791,
354.217

■ 74, 7.336, 353.142

■ 79, 0.834, 172.823

■ 84, 8.682, 171.521

Harmonies

Complementary

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



44, 62.339, 6.616



70, 53.764, 162.215

Rectangle

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



44, 62.339, 6.616



44, 62.339, 56.616



44, 62.339, 186.616



44, 62.339, 236.616

Sweetspot

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



44, 62.336, 6.618



84, 24.974, 354.855



39, 88.040, 316.236



43, 17.374, 355.310



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



44, 62.336, 6.618



54, 83.912, 14.611



46, 66.354, 38.681



38, 4.648, 353.185



34, 60.614, 15.516



3, 14.846, 0.722

Inverse Universe

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



44, 62.336, 6.618



54, 83.912, 14.611



65, 33.982, 216.709



38, 4.648, 353.185



34, 60.614, 15.516



3, 14.846, 0.722

Previews

White Background



This preview shows how the CIELCh color 44, 62.339, 6.616 looks on a white background.

Color Contrast Check

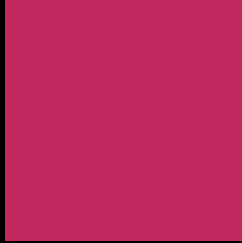
Large Text (above 18pt) WCAG AA ✓ Pass

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, 62.339, 6.616 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

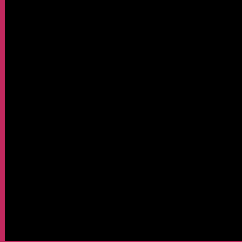
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 62.339, 6.616

Background



This preview shows how black text looks on a background with the CIELCh color 44, 62.339, 6.616.



This preview shows how white text looks on a background with the CIELCh color 44, 62.339, 6.616.

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, 62.339, 6.616

Protanopia

44, 15.027, 285.232

Deuteranopia

44, 11.874, 60.572



Tritanopia
44, 64.013, 30.382

Trichromacy



Original Color
44, 62.339, 6.616

Protanomaly
41, 29.661, 337.433

Deuteranomaly
42, 30.350, 12.062

Tritanomaly
44, 62.207, 21.986

Monochromacy



Original Color
44, 62.339, 6.616

Achromatopsia
39, 0.006, 296.813

Achromatomaly
39, 26.514, 357.023

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 62.339, 6.616 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(194, 41, 95)` looks like.

```
.text, #text, p{  
    color:rgb(194, 41, 95)  
}
```

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(194, 41, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 41, 95) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 62.339, 6.616 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(194, 41, 95) }
```

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

```
.border{ border-color:rgb(194, 41, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 41, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 41, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 41, 95);  
box-shadow:4px 4px 4px 4px rgb(194, 41,  
95) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 62.339, 6.616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 41, 95) }
```

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

```
.background{ background-color: rgb(194, 41,  
95) }
```

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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