

Converting Colors

CIELCh(29, 58.462, 323.528)

Have a look what the booklet for
CIELCh(29, 58.462, 323.528)
contains.

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Color

CIELCh(29, 58.462, 323.528)

Conversions

Conversions Part 1

Format	Color
Hex	6F207B
RGB	111, 32, 123
RGB Percent	44%, 13%, 48%
CMY	0.5648, 0.8746, 0.5178
CMYK	0.10, 0.74, 0.00, 0.52
HSL	292°, 59%, 30%
HSV	292°, 74%, 48%
XYZ	10.6404, 5.8380, 19.2951
YIQ	65.9950, 17.8730, 45.0490

Conversions

Conversions Part 2

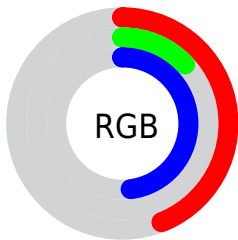
Format	Color
R_{YB}	111, 32, 123
Decimal	7282811
CIE _{Lab}	29.00, 47.01, -34.75
CIE _{LCh}	29, 58.462, 323.528
Yxy	5.8380, 0.2974, 0.1632
Android (android.graphics.Color)	4285472891 (0xFF6F207B)
YUV	65.9950, 28.1035, 39.4694
Hunter-Lab	24.1619, 36.3243, -30.4341

Details

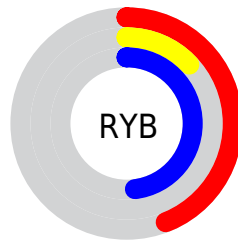
The CIELCh color **29, 58.462, 323.528** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **45, 58.343, 135.975**, and the grayscale version is **28, 0.004, 296.813**.

A 20% lighter version of the original color is **49, 58.159, 323.403**, and **12, 47.564, 321.660** is the 20% darker color. If you saturate the color by 10%, you get **27, 63.185, 323.555**, and if you desaturate by 10%, it is **31, 52.353, 323.362**.

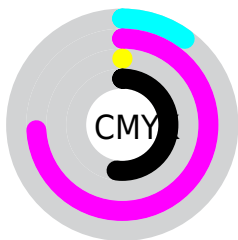
Distribution



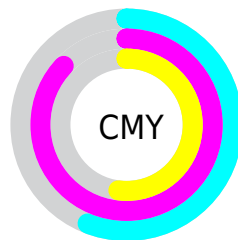
- Red (44%)
- Green (13%)
- Blue (48%)



- Red (44%)
- Yellow (13%)
- Blue (48%)



- Cyan (10%)
- Magenta (74%)
- Yellow (0%)
- Black (52%)





- Cyan (56%)
- Magenta (87%)
- Yellow (52%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 29, 58.462, 323.528 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 29, 58.462, 323.528 by changing the saturation by 10% instead.

 29, 58.462,
323.528


 29, 58.462,
323.528

 100, 58.462,
323.528


 19, 58.462,
323.528

 49, 58.462,
323.528

 9, 58.462, 323.528

 59, 58.462,
323.528

 0, 58.462, 323.528

 69, 58.462,
323.528

 79, 58.462,
323.528

 89, 58.462,
323.528

 99, 58.462,

323.528

■ 29, 58.462,
323.528

■ 29, 58.462,
323.528

■ 27, 63.185,
323.555

■ 31, 52.353,
323.362

■ 26, 66.347,
323.425

■ 34, 45.184,
323.086

■ 25, 67.999,
323.330

■ 37, 37.290,
322.730

■ 40, 28.962,
322.321

■ 43, 20.430,
321.880

■ 47, 11.860,
321.424

■ 50, 3.366, 320.940

■ 54, 4.979, 140.578

■ 57, 13.131,
140.136

Harmonies

Complementary

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



29, 58.462, 323.528



45, 58.343, 135.975

Rectangle

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



29, 58.462, 323.528



29, 58.462, 13.528



29, 58.462, 143.528



29, 58.462, 193.528

Sweetspot

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



29, 58.461, 323.528



56, 23.292, 321.814



22, 52.191, 297.374



28, 15.784, 321.912



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



29, 58.461, 323.528



35, 79.669, 323.475



29, 46.293, 344.193



24, 4.736, 321.193



26, 68.786, 323.323



54, 115.880, 323.069

Inverse Universe

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



28, 42.751, 21.489



34, 62.504, 28.537



45, 46.663, 148.961



24, 2.891, 9.256



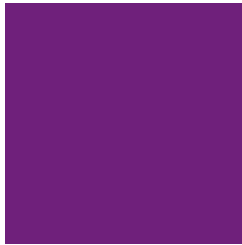
25, 56.241, 32.262



53, 97.507, 35.037

Previews

White Background



This preview shows how the CIE LCh color 29, 58.462, 323.528 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 ✓ Pass

Black Background



This preview shows how the CIELCh color 29, 58.462, 323.528 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

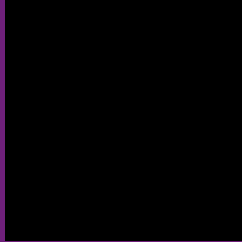
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 29, 58.462, 323.528

Background



This preview shows how black text looks on a background with the CIELCh color 29, 58.462, 323.528.



This preview shows how white text looks on a background with the CIELCh color 29, 58.462, 323.528.

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
29, 22.901, 17.759

Trichromacy



Original Color
29, 58.462, 323.528

Protanomaly
26, 52.409, 296.000

Deuteranomaly
27, 40.859, 300.821

Tritanomaly
29, 32.217, 343.899

Monochromacy



Original Color
29, 58.462, 323.528

Achromatopsia
28, 0.004, 296.813

Achromatomaly
27, 24.172, 321.828

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 29, 58.462, 323.528 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(111, 32, 123)` looks like.

```
.text, #text, p{  
    color:rgb(111, 32, 123)  
}
```

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(111, 32, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 32, 123) }
```

Border

The CSS property to change the border of an element to CIELCh 29, 58.462, 323.528 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(111, 32, 123) }
```

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

```
.border{ border-color:rgb(111, 32, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 32, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 32, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 32, 123);  
box-shadow:4px 4px 4px 4px rgb(111, 32,  
123) }
```

Background

The CSS property to change the background color of an element to CIELCh 29, 58.462, 323.528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 32, 123) }
```

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

```
.background{ background-color: rgb(111, 32,  
123) }
```

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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