

Converting Colors

CIELCh(29, 55.122, 326.767)

Have a look what the booklet for
CIELCh(29, 55.122, 326.767)
contains.

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Color

CIELCh(29, 55.295, 326.588)

Conversions

Conversions Part 1

Format	Color
Hex	712074
RGB	113, 32, 116
RGB Percent	44%, 13%, 45%
CMY	0.5560, 0.8735, 0.5442
CMYK	0.03, 0.72, 0.00, 0.54
HSL	298°, 57%, 29%
HSV	298°, 72%, 46%
XYZ	10.5275, 5.8380, 17.1617
YIQ	65.7950, 21.3120, 43.2960

Conversions

Conversions Part 2

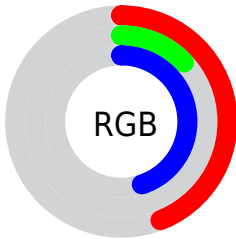
Format	Color
R_{YB}	113, 32, 116
Decimal	7413876
CIE _{Lab}	29.00, 46.16, -30.45
CIE _{LCh}	29, 55.295, 326.588
Yxy	5.8380, 0.3140, 0.1741
Android (android.graphics.Color)	4285603956 (0xFF712074)
YUV	65.7950, 24.7511, 41.3988
Hunter-Lab	24.1619, 35.4900, -25.1990

Details

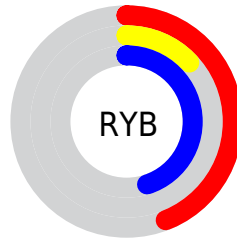
The CIELCh color $29, 55.295, 326.588$ is a dark color, and the websafe version is hex 660066 . A complement of this color would be $43, 55.993, 137.728$, and the grayscale version is $28, 0.004, 296.813$.

A 20% lighter version of the original color is $49, 54.778, 326.617$, and $12, 44.465, 325.128$ is the 20% darker color. If you saturate the color by 10%, you get $28, 59.823, 326.772$, and if you desaturate by 10%, it is $31, 49.451, 326.310$.

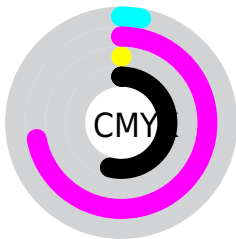
Distribution



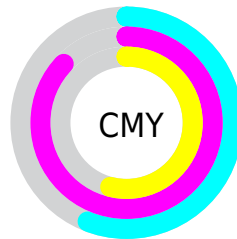
- Red (44%)
- Green (13%)
- Blue (45%)



- Red (44%)
- Yellow (13%)
- Blue (45%)



- Cyan (3%)
- Magenta (72%)
- Yellow (0%)
- Black (54%)



- Cyan (56%)
- Magenta (87%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 29, 55.295, 326.588 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, 55.295, 326.588 by changing the saturation by 10% instead.

■ 29, 55.295,
326.588

■ 29, 55.295,
326.588

■ 100, 55.295,
326.588

■ 19, 55.295,
326.588

■ 49, 55.295,
326.588

■ 9, 55.295, 326.588

■ 59, 55.295,
326.588

■ 0, 55.295, 326.588

■ 69, 55.295,
326.588

■ 79, 55.295,
326.588

■ 89, 55.295,
326.588

■ 99, 55.295,

326.588

■ 29, 55.295,
326.588

■ 29, 55.295,
326.588

■ 28, 59.823,
326.772

■ 31, 49.451,
326.310

■ 27, 62.873,
326.853

■ 33, 42.571,
325.954

■ 26, 64.791,
326.887

■ 36, 34.953,
325.537

■ 39, 26.875,
325.076

■ 42, 18.561,
324.588

■ 45, 10.184,
324.084

■ 48, 1.864, 323.512

■ 52, 6.319, 143.140

■ 55, 14.316,
142.650

Harmonies

Complementary

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



29, 55.295, 326.588



43, 55.993, 137.728

Rectangle

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



29, 55.295, 326.588



29, 55.295, 16.588



29, 55.295, 146.588



29, 55.295, 196.588

Sweetspot

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



29, 55.294, 326.588



53, 22.673, 324.603



19, 53.444, 299.966



27, 15.356, 324.706



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



29, 55.294, 326.588



36, 74.840, 326.839



28, 41.701, 349.051



23, 4.705, 323.918



27, 67.240, 326.880



58, 114.011, 326.805

Inverse Universe

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



26, 41.509, 27.693



32, 61.623, 33.736



43, 40.694, 152.960



23, 2.751, 16.973



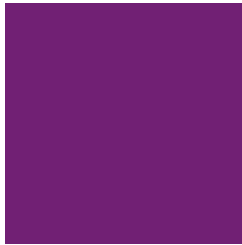
24, 58.051, 36.579



52, 101.605, 39.009

Previews

White Background



This preview shows how the CIE LCh color 29, 55.295, 326.588 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, 55.295, 326.588 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, 55.295, 326.588

Background



This preview shows how black text looks on a background with the CIELCh color 29, 55.295, 326.588.



This preview shows how white text looks on a background with the CIELCh color 29, 55.295, 326.588.

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

29, 55.295, 326.588

Protanopia

29, 48.922, 286.041

Deuteranopia

30, 26.211, 278.970



Tritanopia
29, 25.387, 19.015

Trichromacy



Original Color
29, 55.295, 326.588

Protanomaly
26, 51.173, 295.925

Deuteranomaly
28, 36.630, 304.403

Tritanomaly
29, 33.354, 347.940

Monochromacy



Original Color
29, 55.295, 326.588

Achromatopsia
28, 0.004, 296.813

Achromatomaly
27, 22.759, 325.239

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 29, 55.295, 326.588 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(113, 32, 116)` looks like.

```
.text, #text, p{  
    color:rgb(113, 32, 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(113, 32, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 32, 116) }
```

Border

The CSS property to change the border of an element to CIELCh 29, 55.295, 326.588 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(113, 32, 116) }
```

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

```
.border{ border-color:rgb(113, 32, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 32, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 32, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 32, 116);  
box-shadow:4px 4px 4px 4px rgb(113, 32,  
116) }
```

Background

The CSS property to change the background color of an element to CIELCh 29, 55.295, 326.588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 32, 116) }
```

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

```
.background{ background-color: rgb(113, 32,  
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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