

Converting Colors

CIELCh(29, 25.066, 2.796)

Have a look what the booklet for
CIELCh(29, 25.066, 2.796) contains.

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Color

CIELCh(29, 25.107, 2.924)

Conversions

Conversions Part 1

Format	Color
Hex	683443
RGB	104, 52, 67
RGB Percent	41%, 20%, 26%
CMY	0.5913, 0.7953, 0.7365
CMYK	0.00, 0.50, 0.36, 0.59
HSL	343°, 33%, 31%
HSV	343°, 50%, 41%
XYZ	7.9909, 5.8380, 6.0470
YIQ	69.2580, 26.1770, 15.6890

Conversions

Conversions Part 2

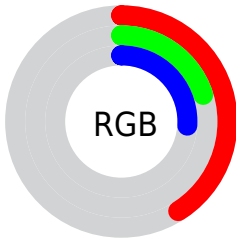
Format	Color
RYB	104, 52, 67
Decimal	6829123
CIELab	29.00, 25.07, 1.28
CIELCh	29, 25.107, 2.924
Yxy	5.8380, 0.4020, 0.2937
Android (android.graphics.Color)	4285019203 (0xFF683443)
YUV	69.2580, -1.1132, 30.4687
Hunter-Lab	24.1619, 16.7509, 2.0750

Details

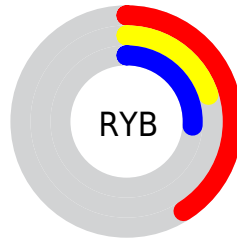
The CIELCh color $[29, 25.107, 2.924]$ is a dark color, and the websafe version is hex `663333`. A complement of this color would be $[40, 21.662, 171.803]$, and the grayscale version is $[29, 0.005, 296.813]$.

A 20% lighter version of the original color is $[49, 25.166, 2.752]$, and $[9, 25.090, 3.366]$ is the 20% darker color. If you saturate the color by 10%, you get $[27, 30.053, 4.978]$, and if you desaturate by 10%, it is $[32, 19.962, 1.248]$.

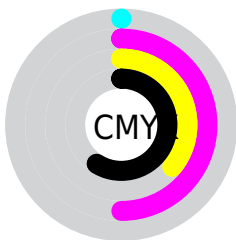
Distribution



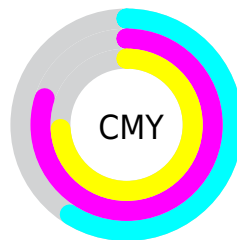
- Red (41%)
- Green (20%)
- Blue (26%)



- Red (41%)
- Yellow (20%)
- Blue (26%)



- Cyan (0%)
- Magenta (50%)
- Yellow (36%)
- Black (59%)



- Cyan (59%)
- Magenta (80%)
- Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 29, 25.107, 2.924 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, 25.107, 2.924 by changing the saturation by 10% instead.

 29, 25.107, 2.924  29, 25.107, 2.924

 100, 25.107, 2.924  19, 25.107, 2.924

 49, 25.107, 2.924  9, 25.107, 2.924


 59, 25.107, 2.924  0, 25.107, 2.924

 69, 25.107, 2.924

 79, 25.107, 2.924

 89, 25.107, 2.924

 99, 25.107, 2.924

 29, 25.107, 2.924  29, 25.107, 2.924

 27, 30.053, 4.978  32, 19.962, 1.248

■ 24, 34.608, 7.525

■ 35, 14.783,
359.848

■ 23, 38.571, 10.709

■ 38, 9.682, 358.656

■ 21, 41.814, 14.660

■ 41, 4.729, 357.604

■ 20, 44.896, 18.784

■ 44, 0.038, 184.614

■ 20, 44.926, 18.817

■ 47, 4.603, 176.050

■ 51, 8.964, 175.310

■ 54, 13.130,
174.658

■ 57, 17.111,
174.070

Harmonies

Complementary

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



29, 25.107, 2.924



40, 21.662, 171.803

Rectangle

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



29, 25.107, 2.924



29, 25.107, 52.924



29, 25.107, 182.924



29, 25.107, 232.924

Sweetspot

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



29, 25.105, 2.926



50, 8.953, 358.171



28, 35.773, 317.706



25, 6.174, 358.335



79, 0.010, 296.813



29, 0.005, 296.813

Same Dimension

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



29, 25.105, 2.926



35, 37.200, 5.387



31, 21.980, 39.701



19, 2.626, 357.501



23, 48.248, 19.504



51, 85.375, 23.235

Inverse Universe

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



29, 25.105, 2.926



35, 37.200, 5.387



37, 15.486, 222.511



19, 2.626, 357.501



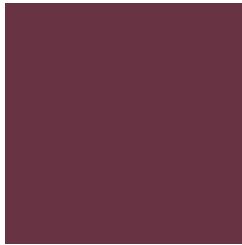
23, 48.248, 19.504



51, 85.375, 23.235

Previews

White Background



This preview shows how the CIE LCh color 29, 25.107, 2.924 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, 25.107, 2.924 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

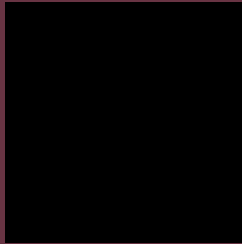
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 29, 25.107, 2.924

Background



This preview shows how black text looks on a background with the CIELCh color 29, 25.107, 2.924.



This preview shows how white text looks on a background with the CIELCh color 29, 25.107, 2.924.

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, 25.107, 2.924

Protanopia

29, 5.796, 291.278

Deuteranopia

29, 4.761, 35.617



Tritanopia
29, 23.434, 18.063

Trichromacy



Original Color
29, 25.107, 2.924

Protanomaly
29, 10.975, 341.346

Deuteranomaly
29, 11.777, 9.121

Tritanomaly
29, 23.806, 12.304

Monochromacy



Original Color
29, 25.107, 2.924

Achromatopsia
29, 0.005, 296.813

Achromatomaly
29, 9.190, 0.734

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 29, 25.107, 2.924 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(104, 52, 67)` looks like.

```
.text, #text, p{  
    color:rgb(104, 52, 67)  
}
```

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(104, 52, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 52, 67) }
```

Border

The CSS property to change the border of an element to CIELCh 29, 25.107, 2.924 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(104, 52, 67) }
```

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

```
.border{ border-color:rgb(104, 52, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 52, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 52, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 52, 67);  
box-shadow:4px 4px 4px 4px rgb(104, 52,  
67) }
```

Background

The CSS property to change the background color of an element to CIELCh 29, 25.107, 2.924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 52, 67) }
```

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

```
.background{ background-color: rgb(104, 52,  
67) }
```

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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