

Converting Colors

CIELCh(29, 34.182, 2.359)

Have a look what the booklet for
CIELCh(29, 34.182, 2.359) contains.

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Color

CIELCh(29, 34.182, 2.359)

Conversions

Conversions Part 1

Format	Color
Hex	732B43
RGB	115, 43, 67
RGB Percent	45%, 17%, 26%
CMY	0.5474, 0.8299, 0.7359
CMYK	0.00, 0.62, 0.42, 0.55
HSL	340°, 45%, 31%
HSV	340°, 62%, 45%
XYZ	9.0263, 5.8380, 6.0170
YIQ	67.2640, 35.2080, 22.7280

Conversions

Conversions Part 2

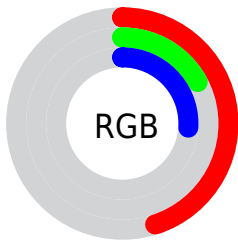
Format	Color
R_{YB}	115, 43, 67
Decimal	7547715
CIE Lab	29.00, 34.15, 1.41
CIE LCh	29, 34.182, 2.359
Yxy	5.8380, 0.4323, 0.2796
Android (android.graphics.Color)	4285737795 (0xFF732B43)
YUV	67.2640, -0.1302, 41.8645
Hunter-Lab	24.1619, 24.3998, 2.1485

Details

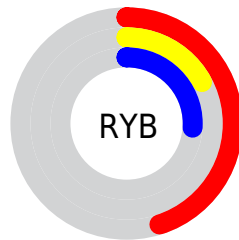
The CIELCh color **29, 34.182, 2.359** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **44, 29.429, 166.916**, and the grayscale version is **29, 0.004, 296.813**.

A 20% lighter version of the original color is **49, 34.497, 2.110**, and **10, 31.041, 6.302** is the 20% darker color. If you saturate the color by 10%, you get **27, 38.798, 4.982**, and if you desaturate by 10%, it is **32, 28.986, 0.255**.

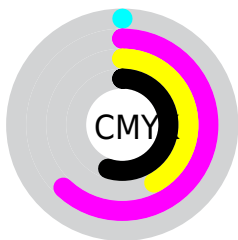
Distribution



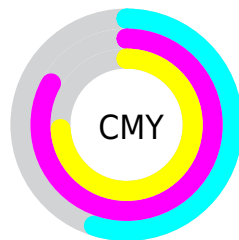
- Red (45%)
- Green (17%)
- Blue (26%)



- Red (45%)
- Yellow (17%)
- Blue (26%)



- Cyan (0%)
- Magenta (62%)
- Yellow (42%)
- Black (55%)



- Cyan (55%)
- Magenta (83%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 29, 34.182, 2.359 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, 34.182, 2.359 by changing the saturation by 10% instead.

 29, 34.182, 2.359

 29, 34.182, 2.359

 100, 34.182, 2.359

 19, 34.182, 2.359

 49, 34.182, 2.359

 9, 34.182, 2.359

 59, 34.182, 2.359

 0, 34.182, 2.359

 69, 34.182, 2.359

 79, 34.182, 2.359

 89, 34.182, 2.359

 99, 34.182, 2.359

 29, 34.182, 2.359

 29, 34.182, 2.359

 27, 38.798, 4.982

 32, 28.986, 0.255

25, 42.620, 8.269

34, 23.455,
358.535

24, 45.546, 12.354

38, 17.791,
357.102

23, 47.694, 15.533

41, 12.145,
355.881

44, 6.617, 354.811

48, 1.264, 353.691

51, 3.886, 173.200

55, 8.823, 172.419

58, 13.551,
171.740

Harmonies

Complementary

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



29, 34.182, 2.359



44, 29.429, 166.916

Rectangle

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



29, 34.182, 2.359



29, 34.182, 52.359



29, 34.182, 182.359



29, 34.182, 232.359

Sweetspot

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



29, 34.180, 2.361



54, 12.738, 355.556



27, 47.918, 317.063



27, 8.867, 355.812



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, 34.180, 2.361



35, 49.223, 6.380



31, 31.981, 37.906



23, 3.023, 354.471



25, 49.805, 15.912



53, 85.567, 19.259

Inverse Universe

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



29, 34.180, 2.361



35, 49.223, 6.380



40, 19.896, 219.157



23, 3.023, 354.471



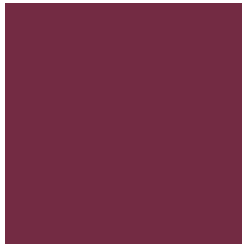
25, 49.805, 15.912



53, 85.567, 19.259

Previews

White Background



This preview shows how the CIE LCh color 29, 34.182, 2.359 looks on a white background.

Color Contrast Check

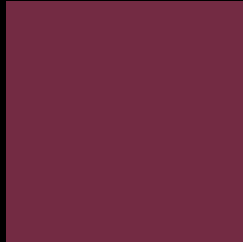
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the CIE LCh color 29, 34.182, 2.359 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

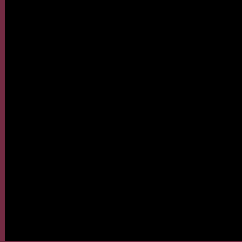
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 29, 34.182, 2.359

Background



This preview shows how black text looks on a background with the CIELCh color 29, 34.182, 2.359.



This preview shows how white text looks on a background with the CIELCh color 29, 34.182, 2.359.

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, 34.182, 2.359

Protanopia

30, 8.372, 286.142

Deuteranopia

29, 5.433, 40.730



Tritanopia
29, 32.522, 23.264

Trichromacy



Original Color
29, 34.182, 2.359

Protanomaly
29, 15.365, 337.077

Deuteranomaly
29, 16.267, 6.787

Tritanomaly
29, 32.671, 16.134

Monochromacy



Original Color
29, 34.182, 2.359

Achromatopsia
29, 0.005, 296.813

Achromatomaly
28, 13.081, 355.809

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 29, 34.182, 2.359 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(115, 43, 67)` looks like.

```
.text, #text, p{  
    color:rgb(115, 43, 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(115, 43, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 43, 67) }
```

Border

The CSS property to change the border of an element to CIELCh 29, 34.182, 2.359 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(115, 43, 67) }
```

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

```
.border{ border-color:rgb(115, 43, 67) }
```

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

Here you see how a box with a 4 pixel rgb(115, 43, 67) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 43, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 43, 67);  
box-shadow:4px 4px 4px 4px rgb(115, 43,  
67) }
```

Background

The CSS property to change the background color of an element to CIELCh 29, 34.182, 2.359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 43, 67) }
```

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

```
.background{ background-color: rgb(115, 43,  
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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