

Converting Colors

CIELCh(29, 34.931, 341.964)

Have a look what the booklet for
CIELCh(29, 34.931, 341.964)
contains.

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Color

CIELCh(29, 34.915, 341.911)

Conversions

Conversions Part 1

Format	Color
Hex	6D2E56
RGB	109, 46, 86
RGB Percent	43%, 18%, 34%
CMY	0.5736, 0.8205, 0.6637
CMYK	0.00, 0.58, 0.21, 0.57
HSL	322°, 41%, 30%
HSV	322°, 58%, 43%
XYZ	8.9124, 5.8380, 9.4108
YIQ	69.3970, 24.7080, 25.7960

Conversions

Conversions Part 2

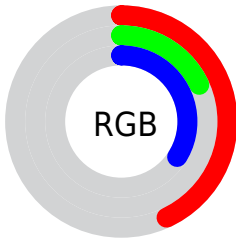
Format	Color
R_{YB}	109, 46, 86
Decimal	7155286
CIE _{Lab}	29.00, 33.19, -10.84
CIE _{LCh}	29, 34.915, 341.911
Yxy	5.8380, 0.3689, 0.2416
Android (android.graphics.Color)	4285345366 (0xFF6D2E56)
YUV	69.3970, 8.1853, 34.7318
Hunter-Lab	24.1619, 23.5583, -6.1794

Details

The CIELCh color **29, 34.915, 341.911** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **41, 34.369, 151.468**, and the grayscale version is **29, 0.005, 296.813**.

A 20% lighter version of the original color is **49, 34.897, 341.547**, and **10, 33.279, 342.396** is the 20% darker color. If you saturate the color by 10%, you get **27, 39.670, 343.114**, and if you desaturate by 10%, it is **31, 29.437, 340.861**.

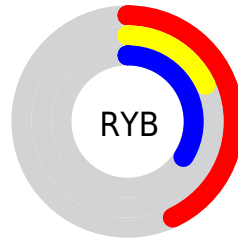
Distribution



Red (43%)

Green (18%)

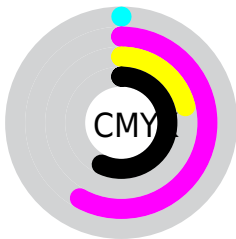
Blue (34%)



Red (43%)

Yellow (18%)

Blue (34%)

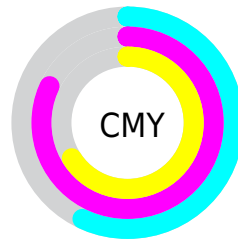


Cyan (0%)

Magenta (58%)

Yellow (21%)

Black (57%)



Cyan (57%)


Magenta (82%)


Yellow (66%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 29, 34.915, 341.911 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, 34.915, 341.911 by changing the saturation by 10% instead.

 29, 34.915,
341.911


 29, 34.915,
341.911

 100, 34.915,
341.911


 19, 34.915,
341.911


 49, 34.915,
341.911


 9, 34.915, 341.911

 59, 34.915,
341.911

 0, 34.915, 341.911

 69, 34.915,
341.911

 79, 34.915,
341.911

 89, 34.915,
341.911

 99, 34.915,

341.911

■ 29, 34.915,
341.911

■ 29, 34.915,
341.911

■ 27, 39.670,
343.114

■ 31, 29.437,
340.861

■ 25, 43.428,
344.525

■ 34, 23.505,
339.923

■ 24, 45.954,
346.221

■ 37, 17.332,
339.069

■ 23, 47.545,
348.158

■ 40, 11.080,
338.279

■ 23, 47.894,
348.552

■ 43, 4.859, 337.527

■ 47, 1.260, 157.081

■ 50, 7.234, 156.297

■ 53, 13.040,
155.689

■ 57, 18.672,
155.126

Harmonies

Complementary

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



29, 34.915, 341.911



41, 34.369, 151.468

Rectangle

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



29, 34.915, 341.911



29, 34.915, 31.911



29, 34.915, 161.911



29, 34.915, 211.911

Sweetspot

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



29, 34.913, 341.912



52, 12.951, 338.243



25, 41.849, 307.446



26, 8.738, 338.352



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

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



29, 34.913, 341.912



35, 49.073, 343.499



28, 30.042, 15.143



21, 3.409, 337.605



25, 50.466, 348.786



54, 85.896, 350.471

Inverse Universe

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



29, 34.913, 341.912



35, 49.073, 343.499



42, 22.709, 182.084



21, 3.409, 337.605



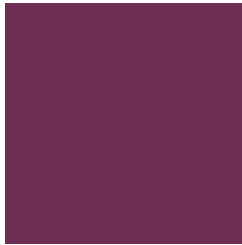
25, 50.466, 348.786



54, 85.896, 350.471

Previews

White Background



This preview shows how the CIE LCh color 29, 34.915, 341.911 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, 34.915, 341.911 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

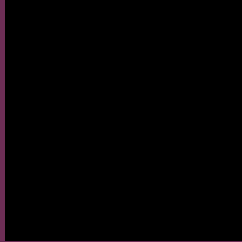
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 29, 34.915, 341.911

Background



This preview shows how black text looks on a background with the CIELCh color 29, 34.915, 341.911.



This preview shows how white text looks on a background with the CIELCh color 29, 34.915, 341.911.

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, 34.915, 341.911

Protanopia

29, 21.971, 285.083

Deuteranopia

29, 9.025, 294.469



Tritanopia
29, 25.486, 20.420

Trichromacy



Original Color
29, 34.915, 341.911

Protanomaly
28, 24.142, 308.978

Deuteranomaly
29, 17.686, 325.812

Tritanomaly
29, 27.441, 2.859

Monochromacy



Original Color
29, 34.915, 341.911

Achromatopsia
29, 0.005, 296.813

Achromatomaly
29, 13.172, 338.823

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 29, 34.915, 341.911 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(109, 46, 86)` looks like.

```
.text, #text, p{  
    color:rgb(109, 46, 86)  
}
```

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(109, 46, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 46, 86) }
```

Border

The CSS property to change the border of an element to CIELCh 29, 34.915, 341.911 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(109, 46, 86) }
```

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

```
.border{ border-color:rgb(109, 46, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 46, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 46, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 46, 86);  
box-shadow:4px 4px 4px 4px rgb(109, 46,  
86) }
```

Background

The CSS property to change the background color of an element to CIELCh 29, 34.915, 341.911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 46, 86) }
```

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

```
.background{ background-color: rgb(109, 46,  
86) }
```

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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