

Converting Colors

CIELCh(29, 35.751, 342.286)

Have a look what the booklet for
CIELCh(29, 35.751, 342.286)
contains.

CIELCh(29, 35.751, 342.286)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(29, 35.751, 342.286)

Conversions

Conversions Part 1

Format	Color
Hex	6E2D56
RGB	110, 45, 86
RGB Percent	43%, 18%, 34%
CMY	0.5693, 0.8241, 0.6634
CMYK	0.00, 0.59, 0.22, 0.57
HSL	322°, 42%, 30%
HSV	322°, 59%, 43%
XYZ	9.0148, 5.8380, 9.4226
YIQ	69.1090, 25.5790, 26.5310

Conversions

Conversions Part 2

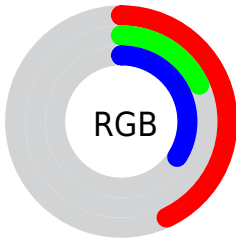
Format	Color
R _Y B	110, 45, 86
Decimal	7220566
CIE Lab	29.00, 34.06, -10.88
CIE LCh	29, 35.751, 342.286
Yxy	5.8380, 0.3714, 0.2405
Android (android.graphics.Color)	4285410646 (0xFF6E2D56)
YUV	69.1090, 8.3273, 35.8614
Hunter-Lab	24.1619, 24.3147, -6.2083

Details

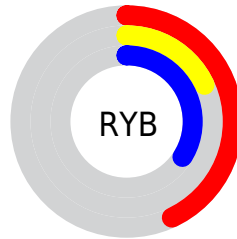
The CIELCh color $29, 35.751, 342.286$ is a dark color, and the websafe version is hex 663366 . A complement of this color would be $41, 35.195, 151.462$, and the grayscale version is $29, 0.005, 296.813$.

A 20% lighter version of the original color is $49, 36.059, 342.304$, and $10, 33.279, 342.396$ is the 20% darker color. If you saturate the color by 10%, you get $27, 40.419, 343.529$, and if you desaturate by 10%, it is $31, 30.319, 341.206$.

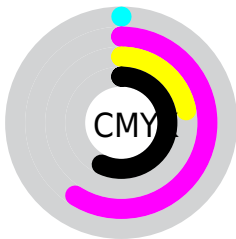
Distribution



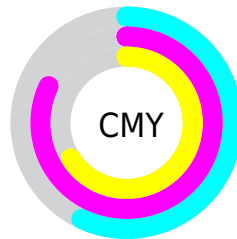
- Red (43%)
- Green (18%)
- Blue (34%)



- Red (43%)
- Yellow (18%)
- Blue (34%)



- Cyan (0%)
- Magenta (59%)
- Yellow (22%)
- Black (57%)




- Cyan (57%)
- Magenta (82%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 29, 35.751, 342.286 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, 35.751, 342.286 by changing the saturation by 10% instead.

 29, 35.751,
342.286


 29, 35.751,
342.286

 100, 35.751,
342.286

 19, 35.751,
342.286


 49, 35.751,
342.286


 9, 35.751, 342.286

 59, 35.751,
342.286

 0, 35.751, 342.286

 69, 35.751,
342.286

 79, 35.751,
342.286

 89, 35.751,
342.286

 99, 35.751,

342.286

■ 29, 35.751,
342.286

■ 29, 35.751,
342.286

■ 27, 40.419,
343.529

■ 31, 30.319,
341.206

■ 25, 44.048,
344.996

■ 34, 24.398,
340.245

■ 24, 46.413,
346.767

■ 37, 18.211,
339.374

■ 23, 47.976,
348.747

■ 40, 11.927,
338.571

■ 23, 48.116,
348.907

■ 43, 5.664, 337.813

■ 47, 0.503, 157.632

■ 50, 6.526, 156.563

■ 53, 12.383,
155.945

■ 57, 18.064,
155.375

Harmonies

Complementary

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



29, 35.751, 342.286



41, 35.195, 151.462

Rectangle

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



29, 35.751, 342.286



29, 35.751, 32.286



29, 35.751, 162.286



29, 35.751, 212.286

Sweetspot

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



29, 35.749, 342.287



52, 13.885, 338.518



24, 43.157, 308.016



25, 9.593, 338.694



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, 35.749, 342.287



35, 50.621, 344.047



28, 31.055, 16.731



22, 3.535, 337.802



25, 51.112, 349.179



54, 86.376, 350.846

Inverse Universe

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



29, 35.749, 342.287



35, 50.621, 344.047



42, 22.977, 183.488



22, 3.535, 337.802



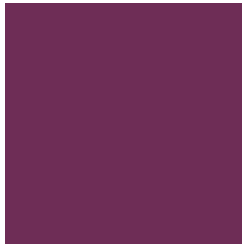
25, 51.112, 349.179



54, 86.376, 350.846

Previews

White Background



This preview shows how the CIELCh color 29, 35.751, 342.286 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, 35.751, 342.286 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

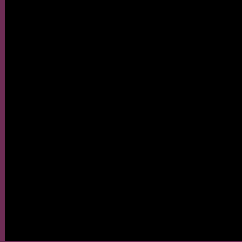
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 29, 35.751, 342.286

Background



This preview shows how black text looks on a background with the CIELCh color 29, 35.751, 342.286.



This preview shows how white text looks on a background with the CIELCh color 29, 35.751, 342.286.

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, 35.751, 342.286

Protanopia

29, 22.636, 284.690

Deuteranopia

30, 9.058, 297.074



Tritanopia
29, 26.396, 19.508

Trichromacy



Original Color
29, 35.751, 342.286

Protanomaly
28, 24.751, 308.625

Deuteranomaly
29, 17.905, 327.024

Tritanomaly
29, 28.388, 2.636

Monochromacy



Original Color
29, 35.751, 342.286

Achromatopsia
29, 0.005, 296.813

Achromatomaly
28, 14.236, 339.524

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 29, 35.751, 342.286 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(110, 45, 86)` looks like.

```
.text, #text, p{  
    color:rgb(110, 45, 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(110, 45, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 45, 86) }
```

Border

The CSS property to change the border of an element to CIELCh 29, 35.751, 342.286 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(110, 45, 86) }
```

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

```
.border{ border-color:rgb(110, 45, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 45, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 45, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 45, 86);  
box-shadow:4px 4px 4px 4px rgb(110, 45,  
86) }
```

Background

The CSS property to change the background color of an element to CIELCh 29, 35.751, 342.286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 45, 86) }
```

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

```
.background{ background-color: rgb(110, 45,  
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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