

Converting Colors

CIELCh(29, 35.075, 327.736)

Have a look what the booklet for
CIELCh(29, 35.075, 327.736)
contains.

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Color

CIELCh(29, 35.345, 327.460)

Conversions

Conversions Part 1

Format	Color
Hex	633262
RGB	99, 50, 98
RGB Percent	39%, 20%, 38%
CMY	0.6112, 0.8034, 0.6151
CMYK	0.00, 0.49, 0.01, 0.61
HSL	301°, 33%, 29%
HSV	301°, 49%, 39%
XYZ	8.5190, 5.8380, 12.2680
YIQ	70.1230, 13.7960, 25.3160

Conversions

Conversions Part 2

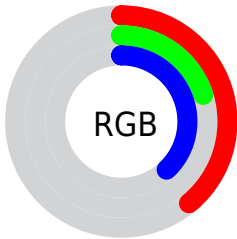
Format	Color
R_{YB}	99, 50, 98
Decimal	6500962
CIE _{Lab}	29.00, 29.80, -19.01
CIE _{LCh}	29, 35.345, 327.460
Yxy	5.8380, 0.3200, 0.2193
Android (android.graphics.Color)	4284691042 (0xFF633262)
YUV	70.1230, 13.7434, 25.3251
Hunter-Lab	24.1619, 20.6518, -13.1905

Details

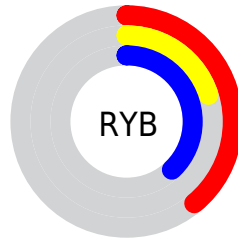
The CIELCh color **29, 35.345, 327.460** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **38, 35.492, 141.289**, and the grayscale version is **30, 0.005, 296.813**.

A 20% lighter version of the original color is **49, 35.586, 327.356**, and **9, 35.256, 327.372** is the 20% darker color. If you saturate the color by 10%, you get **27, 41.548, 327.885**, and if you desaturate by 10%, it is **31, 28.570, 326.993**.

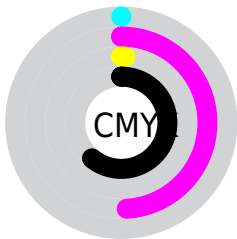
Distribution



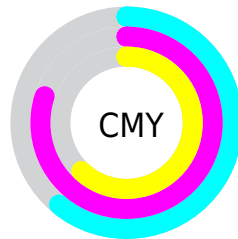
- Red (39%)
- Green (20%)
- Blue (38%)



- Red (39%)
- Yellow (20%)
- Blue (38%)



- Cyan (0%)
- Magenta (49%)
- Yellow (1%)
- Black (61%)




- Cyan (61%)
- Magenta (80%)
- Yellow (62%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 29, 35.345, 327.460 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, 35.345, 327.460 by changing the saturation by 10% instead.

 29, 35.345,
327.460


 29, 35.345,
327.460

 100, 35.345,
327.460


 19, 35.345,
327.460


 49, 35.345,
327.460


 9, 35.345, 327.460

 59, 35.345,
327.460

 0, 35.345, 327.460

 69, 35.345,
327.460

 79, 35.345,
327.460

 89, 35.345,
327.460

 99, 35.345,

327.460

■ 29, 35.345,
327.460

■ 29, 35.345,
327.460

■ 27, 41.548,
327.885

■ 31, 28.570,
326.993

■ 25, 46.935,
328.256

■ 34, 21.449,
326.497

■ 24, 51.262,
328.563

■ 37, 14.163,
325.982

■ 23, 54.354,
328.801

■ 39, 6.847, 325.453

■ 22, 56.798,
329.002

■ 42, 0.405, 145.352

■ 45, 7.527, 144.480

■ 22, 56.941,
329.014

■ 48, 14.482,
143.981

■ 51, 21.248,
143.509

■ 54, 27.815,
143.060

Harmonies

Complementary

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



29, 35.345, 327.460



38, 35.492, 141.289

Rectangle

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



29, 35.345, 327.460



29, 35.345, 17.460



29, 35.345, 147.460



29, 35.345, 197.460

Sweetspot

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



29, 35.344, 327.460



49, 13.649, 325.774



23, 32.561, 297.155



24, 9.390, 325.853



78, 0.009, 296.813



28, 0.004, 296.813

Same Dimension

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



29, 35.344, 327.460



36, 51.355, 327.939



28, 25.732, 349.483



18, 3.994, 325.422



26, 62.124, 329.025



57, 108.496, 329.076

Inverse Universe

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



29, 35.344, 327.460



36, 51.355, 327.939



38, 24.297, 159.773



18, 3.994, 325.422



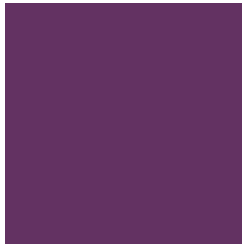
26, 62.124, 329.025



57, 108.496, 329.076

Previews

White Background



This preview shows how the CIE LCh color 29, 35.345, 327.460 looks on a white background.

Color Contrast Check

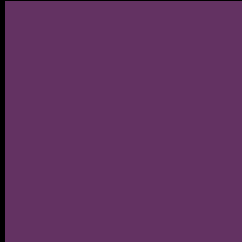
Large Text (above 18pt) WCAG AA ✓ Pass

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, 35.345, 327.460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

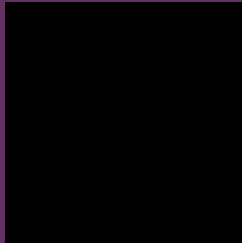
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 29, 35.345, 327.460

Background



This preview shows how black text looks on a background with the CIELCh color 29, 35.345, 327.460.



This preview shows how white text looks on a background with the CIELCh color 29, 35.345, 327.460.

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, 35.345, 327.460

Protanopia

29, 29.068, 284.913

Deuteranopia

29, 17.461, 284.900



Tritanopia
29, 17.020, 14.161

Trichromacy



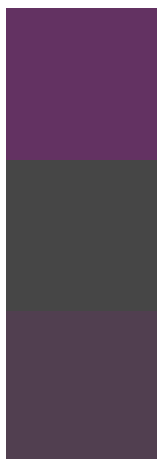
Original Color
29, 35.345, 327.460

Protanomaly
29, 29.796, 300.111

Deuteranomaly
29, 22.576, 306.809

Tritanomaly
29, 21.762, 348.277

Monochromacy



Original Color
29, 35.345, 327.460

Achromatopsia
30, 0.005, 296.813

Achromatomaly
29, 13.387, 327.094

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 29, 35.345, 327.460 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(99, 50, 98)` looks like.

```
.text, #text, p{  
    color:rgb(99, 50, 98)  
}
```

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(99, 50, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 50, 98) }
```

Border

The CSS property to change the border of an element to CIELCh 29, 35.345, 327.460 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(99, 50, 98) }
```

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

```
.border{ border-color:rgb(99, 50, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 50, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 50, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 50, 98);  
box-shadow:4px 4px 4px 4px rgb(99, 50, 98)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 29, 35.345, 327.460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 50, 98) }
```

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

```
.background{ background-color: rgb(99, 50,  
98) }
```

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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