

Converting Colors

CIELCh(35, 28.068, 326.244)

Have a look what the booklet for
CIELCh(35, 28.068, 326.244)
contains.

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Color

CIELCh(35, 27.857, 326.245)

Conversions

Conversions Part 1

Format	Color
Hex	6B456B
RGB	107, 69, 107
RGB Percent	42%, 27%, 42%
CMY	0.5793, 0.7284, 0.5793
CMYK	0.00, 0.35, 0.00, 0.58
HSL	300°, 22%, 35%
HSV	300°, 35%, 42%
XYZ	10.9090, 8.4984, 15.0505
YIQ	84.6940, 10.4500, 19.8740

Conversions

Conversions Part 2

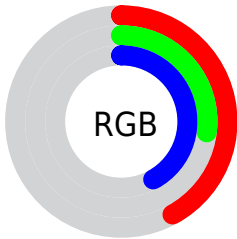
Format	Color
R_{YB}	107, 69, 107
Decimal	7030123
CIE Lab	35.00, 23.16, -15.48
CIE LCh	35, 27.857, 326.245
Yxy	8.4984, 0.3166, 0.2466
Android (android.graphics.Color)	4285220203 (0xFF6B456B)
YUV	84.6940, 10.9969, 19.5624
Hunter-Lab	29.1520, 15.7808, -10.2038

Details

The CIELCh color $35, 27.857, 326.245$ is a dark color, and the websafe version is hex 663366 . A complement of this color would be $42, 27.874, 142.041$, and the grayscale version is $36, 0.005, 296.813$.

A 20% lighter version of the original color is $55, 27.626, 326.485$, and $15, 28.159, 326.278$ is the 20% darker color. If you saturate the color by 10%, you get $32, 35.341, 326.715$, and if you desaturate by 10%, it is $38, 20.069, 325.746$.

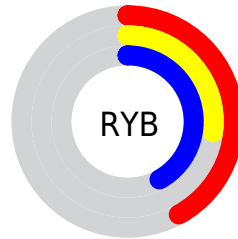
Distribution



Red (42%)

Green (27%)

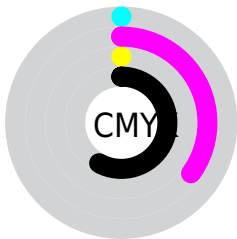
Blue (42%)



Red (42%)

Yellow (27%)

Blue (42%)

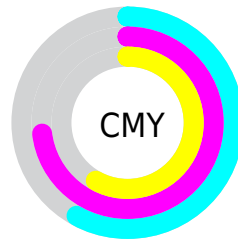


Cyan (0%)

Magenta (35%)

Yellow (0%)

Black (58%)



Cyan (58%)


Magenta (73%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 35, 27.857, 326.245 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 35, 27.857, 326.245 by changing the saturation by 10% instead.


 35, 27.857,
326.245


 35, 27.857,
326.245

 100, 27.857,
326.245


 25, 27.857,
326.245

 55, 27.857,
326.245


 15, 27.857,
326.245


 65, 27.857,
326.245

 5, 27.857, 326.245

 75, 27.857,
326.245

 0, 27.857, 326.245

 85, 27.857,
326.245

 95, 27.857,
326.245

■ 35, 27.857,
326.245

■ 35, 27.857,
326.245

■ 32, 35.341,
326.715

■ 38, 20.069,
325.746

■ 30, 42.297,
327.141

■ 41, 12.160,
325.229

■ 28, 48.458,
327.509

■ 44, 4.262, 324.687

■ 27, 53.557,
327.808

■ 47, 3.535, 144.260

■ 25, 57.373,
328.027

■ 50, 11.171,
143.729

■ 25, 59.972,
328.174

■ 53, 18.612,
143.240

■ 24, 61.102,
328.237

■ 56, 25.840,
142.776

■ 60, 32.847,
142.336

■ 63, 39.636,
141.922

Harmonies

Complementary

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



35, 27.857, 326.245



42, 27.874, 142.041

Rectangle

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



35, 27.857, 326.245



35, 27.857, 16.245



35, 27.857, 146.245



35, 27.857, 196.245

Sweetspot

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



35, 27.856, 326.245



54, 10.776, 325.010



31, 24.242, 294.417



27, 7.301, 325.062



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

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



35, 27.856, 326.245



43, 41.744, 326.659



34, 19.978, 346.830



21, 4.407, 324.884



27, 65.108, 328.237



58, 112.037, 328.238

Inverse Universe

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



35, 27.856, 326.245



43, 41.744, 326.659



42, 19.181, 160.482



21, 4.407, 324.884



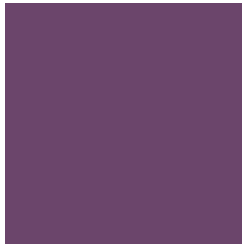
27, 65.108, 328.237



58, 112.037, 328.238

Previews

White Background



This preview shows how the CIELCh color 35, 27.857, 326.245 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 35, 27.857, 326.245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

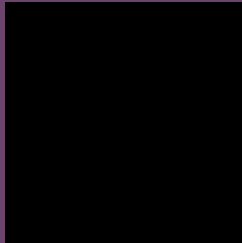
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 35, 27.857, 326.245

Background



This preview shows how black text looks on a background with the CIELCh color 35, 27.857, 326.245.



This preview shows how white text looks on a background with the CIELCh color 35, 27.857, 326.245.

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

35, 27.857, 326.245

Protanopia

35, 22.557, 285.878

Deuteranopia

35, 14.984, 289.743



Tritanopia
35, 13.265, 8.148

Trichromacy



Original Color
35, 27.857, 326.245

Protanomaly
35, 22.783, 301.250

Deuteranomaly
35, 18.803, 307.395

Tritanomaly
35, 17.188, 344.553

Monochromacy



Original Color
35, 27.857, 326.245

Achromatopsia
36, 0.005, 296.813

Achromatomaly
35, 10.539, 325.191

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 27.857, 326.245 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(107, 69, 107)` looks like.

```
.text, #text, p{  
    color:rgb(107, 69, 107)  
}
```

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(107, 69, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 69, 107) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 27.857, 326.245 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(107, 69, 107) }
```

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

```
.border{ border-color:rgb(107, 69, 107) }
```

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

Here you see how a box with a 4 pixel rgb(107, 69, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 69, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 69, 107);  
box-shadow:4px 4px 4px 4px rgb(107, 69,  
107) }
```

Background

The CSS property to change the background color of an element to CIELCh 35, 27.857, 326.245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 69, 107) }
```

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

```
.background{ background-color: rgb(107, 69,  
107) }
```

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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