

Converting Colors

CIELCh(35, 52.040, 327.340)

Have a look what the booklet for
CIELCh(35, 52.040, 327.340)
contains.

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Color

CIELCh(35, 52.219, 327.361)

Conversions

Conversions Part 1

Format	Color
Hex	803380
RGB	128, 51, 128
RGB Percent	50%, 20%, 50%
CMY	0.4984, 0.8003, 0.4984
CMYK	0.00, 0.60, 0.00, 0.50
HSL	300°, 43%, 35%
HSV	300°, 60%, 50%
XYZ	13.9590, 8.4984, 21.2966
YIQ	82.8010, 21.1750, 40.2710

Conversions

Conversions Part 2

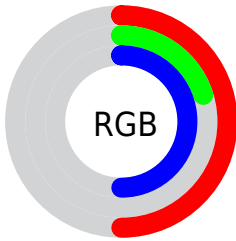
Format	Color
RYB	128, 51, 128
Decimal	8401792
CIELab	35.00, 43.97, -28.16
CIElCh	35, 52.219, 327.361
Yxy	8.4984, 0.3190, 0.1942
Android (android.graphics.Color)	4286591872 (0xFF803380)
YUV	82.8010, 22.2831, 39.6395
Hunter-Lab	29.1520, 34.4562, -22.9072

Details

The CIELCh color **35, 52.219, 327.361** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **47, 52.711, 139.470**, and the grayscale version is **35, 0.005, 296.813**.

A 20% lighter version of the original color is **55, 52.353, 327.470**, and **16, 49.043, 327.311** is the 20% darker color. If you saturate the color by 10%, you get **33, 58.636, 327.695**, and if you desaturate by 10%, it is **37, 44.674, 326.959**.

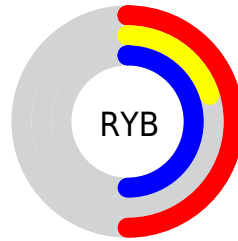
Distribution



Red (50%)

Green (20%)

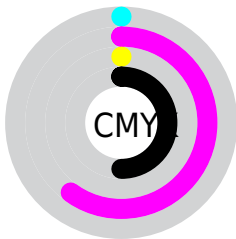
Blue (50%)



Red (50%)

Yellow (20%)

Blue (50%)

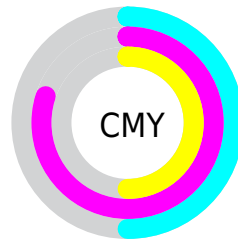


Cyan (0%)

Magenta (60%)

Yellow (0%)

Black (50%)



Cyan (50%)


Magenta (80%)


Yellow (50%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 35, 52.219, 327.361 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, 52.219, 327.361 by changing the saturation by 10% instead.


 35, 52.219,
327.361


 35, 52.219,
327.361


 100, 52.219,
327.361


 25, 52.219,
327.361

 55, 52.219,
327.361


 15, 52.219,
327.361


 65, 52.219,
327.361

 5, 52.219, 327.361

 75, 52.219,
327.361

 0, 52.219, 327.361

 85, 52.219,
327.361

 95, 52.219,
327.361

■ 35, 52.219,
327.361

■ 35, 52.219,
327.361

■ 33, 58.636,
327.695

■ 37, 44.674,
326.959

■ 31, 63.634,
327.949

■ 40, 36.333,
326.504

■ 30, 67.025,
328.119

■ 43, 27.495,
326.011

■ 30, 69.292,
328.231

■ 47, 18.407,
325.492

■ 50, 9.259, 324.957

■ 53, 0.182, 323.431

■ 57, 8.735, 143.958

■ 61, 17.438,
143.447

■ 65, 25.897,
142.964

Harmonies

Complementary

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



35, 52.219, 327.361



47, 52.711, 139.470

Rectangle

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



35, 52.219, 327.361



35, 52.219, 17.361



35, 52.219, 147.361



35, 52.219, 197.361

Sweetspot

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



35, 52.217, 327.361



60, 20.271, 325.398



26, 49.134, 298.577



30, 14.203, 325.530



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



35, 52.217, 327.361



42, 73.141, 327.792



33, 38.473, 349.230



25, 5.102, 324.896



30, 69.130, 328.231



0, 0.000, 0.000

Inverse Universe

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



32, 37.395, 26.940



38, 56.439, 30.733



48, 36.652, 156.376



25, 2.951, 19.872



25, 61.100, 38.345



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 35, 52.219, 327.361 looks on a white background.

Color Contrast Check

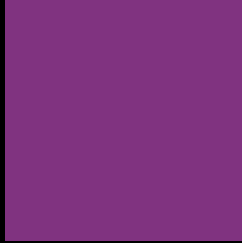
Large Text (above 18pt) WCAG AA ✓ Pass

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 35, 52.219, 327.361 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

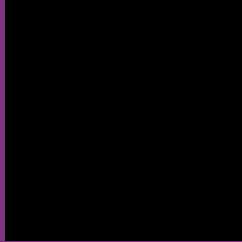
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 35, 52.219, 327.361

Background



This preview shows how black text looks on a background with the CIELCh color 35, 52.219, 327.361.



This preview shows how white text looks on a background with the CIELCh color 35, 52.219, 327.361.

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, 52.219, 327.361

Protanopia

36, 46.165, 286.286

Deuteranopia

36, 25.243, 281.408



Tritanopia
35, 24.943, 16.853

Trichromacy



Original Color
35, 52.219, 327.361

Protanomaly
34, 46.924, 299.210

Deuteranomaly
34, 34.471, 305.861

Tritanomaly
35, 31.840, 349.311

Monochromacy



Original Color
35, 52.219, 327.361

Achromatopsia
35, 0.005, 296.813

Achromatomaly
34, 20.879, 325.873

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 52.219, 327.361 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(128, 51, 128)` looks like.

```
.text, #text, p{  
    color:rgb(128, 51, 128)  
}
```

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(128, 51, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 51, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 52.219, 327.361 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(128, 51, 128) }
```

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

```
.border{ border-color:rgb(128, 51, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 51, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 51, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 51, 128);  
box-shadow:4px 4px 4px 4px rgb(128, 51,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 35, 52.219, 327.361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 51, 128) }
```

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

```
.background{ background-color: rgb(128, 51,  
128) }
```

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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