

Converting Colors

CIELCh(35, 31.493, 315.671)

Have a look what the booklet for
CIELCh(35, 31.493, 315.671)
contains.

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Color

CIELCh(35, 32.046, 315.674)

Conversions

Conversions Part 1

Format	Color
Hex	654676
RGB	101, 70, 118
RGB Percent	40%, 27%, 46%
CMY	0.6031, 0.7247, 0.5364
CMYK	0.14, 0.41, 0.00, 0.54
HSL	279°, 25%, 37%
HSV	279°, 41%, 46%
XYZ	10.8773, 8.4984, 18.2754
YIQ	84.7410, 3.0680, 21.5000

Conversions

Conversions Part 2

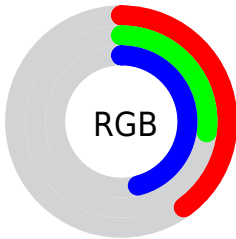
Format	Color
R_{YB}	101, 70, 118
Decimal	6637174
CIE _{Lab}	35.00, 22.92, -22.39
CIE _{LCh}	35, 32.046, 315.674
Yxy	8.4984, 0.2889, 0.2257
Android (android.graphics.Color)	4284827254 (0xFF654676)
YUV	84.7410, 16.3967, 14.2591
Hunter-Lab	29.1520, 15.5864, -16.7625




Details

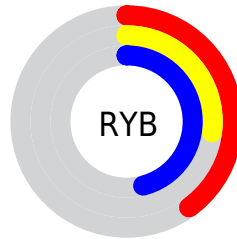
The CIELCh color $35, 32.046, 315.674$ is a dark color, and the websafe version is hex 663366 . A complement of this color would be $46, 30.920, 132.156$, and the grayscale version is $36, 0.005, 296.813$.




A 20% lighter version of the original color is $55, 31.842, 315.936$, and $15, 32.037, 316.055$ is the 20% darker color. If you saturate the color by 10%, you get $32, 39.938, 316.063$, and if you desaturate by 10%, it is $39, 24.035, 315.254$.

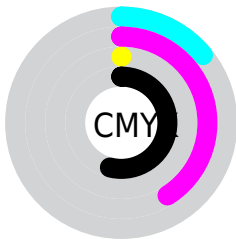
Distribution







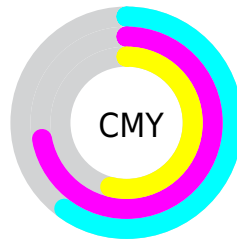
-  Red (40%)
-  Green (27%)
-  Blue (46%)






-  Red (40%)
-  Yellow (27%)
-  Blue (46%)



-  Cyan (14%)
-  Magenta (41%)
-  Yellow (0%)
-  Black (54%)





-  Cyan (60%)
-  Magenta (72%)
-  Yellow (54%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 35, 32.046, 315.674 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, 32.046, 315.674 by changing the saturation by 10% instead.


 35, 32.046,
315.674


 35, 32.046,
315.674

 100, 32.046,
315.674


 25, 32.046,
315.674

 55, 32.046,
315.674


 15, 32.046,
315.674


 65, 32.046,
315.674

 5, 32.046, 315.674

 75, 32.046,
315.674

 0, 32.046, 315.674

 85, 32.046,
315.674

 95, 32.046,
315.674

■ 35, 32.046,
315.674

■ 35, 32.046,
315.674

■ 32, 39.938,
316.063

■ 39, 24.035,
315.254

■ 28, 47.503,
316.385

■ 42, 16.051,
314.825

■ 26, 54.437,
316.591

■ 46, 8.180, 314.403

■ 23, 60.362,
316.620

■ 49, 0.474, 313.785

■ 53, 7.040, 133.667

■ 21, 64.875,
316.405

■ 57, 14.350,
133.319

■ 19, 68.376,
316.114

■ 61, 21.452,
133.006

■ 64, 28.350,
132.724

■ 68, 35.051,
132.472

Harmonies

Complementary

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



35, 32.046, 315.674



46, 30.920, 132.156

Rectangle

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



35, 32.046, 315.674



35, 32.046, 5.674



35, 32.046, 135.674



35, 32.046, 185.674

Sweetspot

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



35, 32.045, 315.674



58, 11.443, 314.473



37, 19.489, 274.913



29, 7.553, 314.513



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



35, 32.045, 315.674



42, 47.762, 316.048



37, 31.457, 330.643



23, 4.302, 314.336



20, 70.117, 316.077



45, 119.324, 315.519

Inverse Universe

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



36, 23.078, 356.794



43, 34.396, 358.350



45, 31.455, 145.250



23, 3.059, 353.057



25, 49.512, 13.940



53, 84.839, 17.229

Previews

White Background



This preview shows how the CIELCh color 35, 32.046, 315.674 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, 32.046, 315.674 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

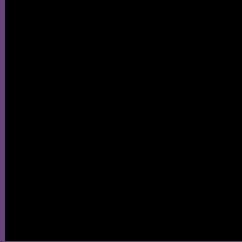
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 35, 32.046, 315.674

Background



This preview shows how black text looks on a background with the CIELCh color 35, 32.046, 315.674.



This preview shows how white text looks on a background with the CIELCh color 35, 32.046, 315.674.

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

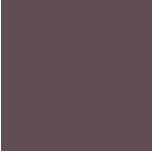
35, 32.046, 315.674

Protanopia

35, 28.842, 285.227

Deuteranopia

35, 21.384, 283.310



Tritanopia
35, 8.679, 355.393

Trichromacy



Original Color
35, 32.046, 315.674

Protanomaly
35, 29.397, 296.201

Deuteranomaly
35, 24.448, 297.458

Tritanomaly
35, 16.203, 328.131

Monochromacy



Original Color
35, 32.046, 315.674

Achromatopsia
36, 0.005, 296.813

Achromatomaly
36, 11.559, 314.715

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 32.046, 315.674 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(101, 70, 118)` looks like.

```
.text, #text, p{  
    color:rgb(101, 70, 118)  
}
```

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(101, 70, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 70, 118) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 32.046, 315.674 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(101, 70, 118) }
```

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

```
.border{ border-color:rgb(101, 70, 118) }
```

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

Here you see how a box with a 4 pixel rgb(101, 70, 118) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 70, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 70, 118);  
box-shadow:4px 4px 4px 4px rgb(101, 70,  
118) }
```

Background

The CSS property to change the background color of an element to CIELCh 35, 32.046, 315.674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 70, 118) }
```

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

```
.background{ background-color: rgb(101, 70,  
118) }
```

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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