

Converting Colors

CIELCh(35, 50.433, 324.761)

Have a look what the booklet for
CIELCh(35, 50.433, 324.761)
contains.

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Color

CIELCh(35, 50.502, 324.826)

Conversions

Conversions Part 1

Format	Color
Hex	7B3681
RGB	123, 54, 129
RGB Percent	48%, 21%, 51%
CMY	0.5163, 0.7870, 0.4928
CMYK	0.05, 0.58, 0.00, 0.49
HSL	295°, 41%, 36%
HSV	295°, 58%, 51%
XYZ	13.5360, 8.4984, 21.8116
YIQ	83.1810, 17.0490, 37.9530

Conversions

Conversions Part 2

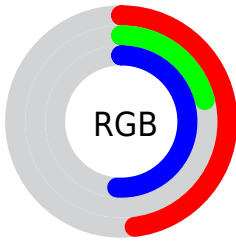
Format	Color
R_{YB}	123, 54, 129
Decimal	8074881
CIE _{Lab}	35.00, 41.28, -29.09
CIE _{LCh}	35, 50.502, 324.826
Yxy	8.4984, 0.3087, 0.1938
Android (android.graphics.Color)	4286264961 (0xFF7B3681)
YUV	83.1810, 22.5888, 34.9213
Hunter-Lab	29.1520, 31.8660, -23.9545

Details

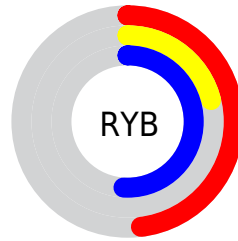
The CIELCh color **35, 50.502, 324.826** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **48, 50.452, 138.186**, and the grayscale version is **35, 0.005, 296.813**.

A 20% lighter version of the original color is **55, 50.086, 324.741**, and **15, 49.715, 324.639** is the 20% darker color. If you saturate the color by 10%, you get **33, 57.417, 325.097**, and if you desaturate by 10%, it is **38, 42.612, 324.472**.

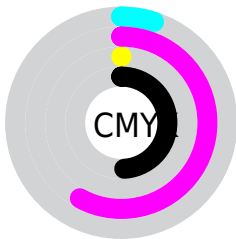
Distribution



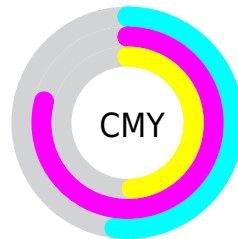
- Red (48%)
- Green (21%)
- Blue (51%)



- Red (48%)
- Yellow (21%)
- Blue (51%)



- Cyan (5%)
- Magenta (58%)
- Yellow (0%)
- Black (49%)





- Cyan (52%)
- Magenta (79%)
- Yellow (49%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 35, 50.502, 324.826 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, 50.502, 324.826 by changing the saturation by 10% instead.


 35, 50.502,
324.826


 35, 50.502,
324.826

 100, 50.502,
324.826


 25, 50.502,
324.826

 55, 50.502,
324.826


 15, 50.502,
324.826


 65, 50.502,
324.826

 5, 50.502, 324.826

 75, 50.502,
324.826

 0, 50.502, 324.826

 85, 50.502,
324.826

 95, 50.502,
324.826

35, 50.502,
324.826

35, 50.502,
324.826

33, 57.417,
325.097

38, 42.612,
324.472

31, 63.020,
325.260

41, 34.083,
324.057

29, 67.038,
325.297

44, 25.194,
323.604

28, 69.663,
325.225

48, 16.161,
323.127

28, 70.174,
325.211

51, 7.140, 322.634

55, 1.766, 142.283

59, 10.490,
141.740

62, 18.994,
141.290

■ 66, 27.259,
140.867

Harmonies

Complementary

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



35, 50.502, 324.826



48, 50.452, 138.186

Rectangle

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



35, 50.502, 324.826



35, 50.502, 14.826



35, 50.502, 144.826



35, 50.502, 194.826

Sweetspot

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



35, 50.500, 324.826



61, 18.929, 323.098



29, 44.106, 295.615



31, 12.611, 323.175



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, 50.500, 324.826



42, 72.263, 325.169



34, 38.982, 344.902



25, 4.978, 322.689



28, 69.455, 325.215



0, 0.000, 0.000

Inverse Universe

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



33, 35.218, 20.697



40, 53.363, 24.636



49, 37.922, 153.537



25, 2.963, 13.411



25, 58.805, 35.112



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIE LCh color 35, 50.502, 324.826 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, 50.502, 324.826 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

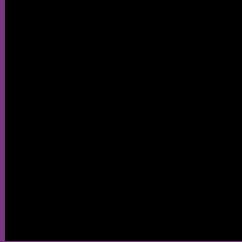
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 35, 50.502, 324.826

Background



This preview shows how black text looks on a background with the CIELCh color 35, 50.502, 324.826.

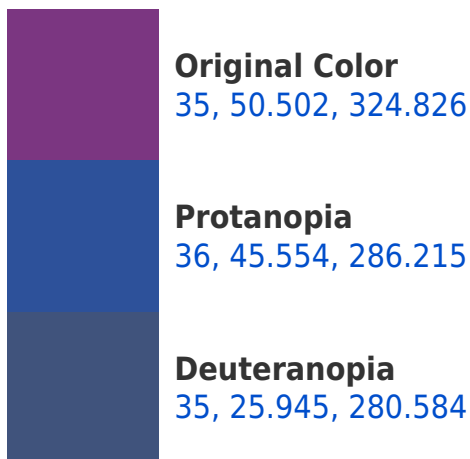


This preview shows how white text looks on a background with the CIELCh color 35, 50.502, 324.826.

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





Tritanopia
35, 21.636, 15.072

Trichromacy



Original Color
35, 50.502, 324.826

Protanomaly
34, 46.252, 298.077

Deuteranomaly
34, 33.541, 303.005

Tritanomaly
35, 28.995, 345.521

Monochromacy



Original Color
35, 50.502, 324.826

Achromatopsia
36, 0.005, 296.813

Achromatomaly
35, 19.697, 323.690

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 50.502, 324.826 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(123, 54, 129)` looks like.

```
.text, #text, p{  
    color:rgb(123, 54, 129)  
}
```

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(123, 54, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 54, 129) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 50.502, 324.826 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(123, 54, 129) }
```

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

```
.border{ border-color:rgb(123, 54, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 54, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 54, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 54, 129);  
box-shadow:4px 4px 4px 4px rgb(123, 54,  
129) }
```

Background

The CSS property to change the background color of an element to CIELCh 35, 50.502, 324.826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 54, 129) }
```

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

```
.background{ background-color: rgb(123, 54,  
129) }
```

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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