

Converting Colors

CIELCh(35, 53.385, 326.237)

Have a look what the booklet for
CIELCh(35, 53.385, 326.237)
contains.

CIELCh(35, 53.031, 326.212)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(35, 53.031, 326.212)

Conversions

Conversions Part 1

Format	Color
Hex	7F3382
RGB	127, 51, 130
RGB Percent	50%, 20%, 51%
CMY	0.5018, 0.7998, 0.4901
CMYK	0.02, 0.61, 0.00, 0.49
HSL	298°, 44%, 36%
HSV	298°, 61%, 51%
XYZ	13.9751, 8.4984, 22.0357
YIQ	82.7300, 19.9370, 40.6810

Conversions

Conversions Part 2

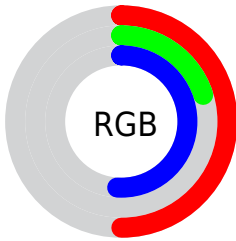
Format	Color
R_{YB}	127, 51, 130
Decimal	8336258
CIE _{Lab}	35.00, 44.07, -29.49
CIE _{LCh}	35, 53.031, 326.212
Yxy	8.4984, 0.3140, 0.1909
Android (android.graphics.Color)	4286526338 (0xFF7F3382)
YUV	82.7300, 23.3041, 38.8248
Hunter-Lab	29.1520, 34.5547, -24.4103

Details

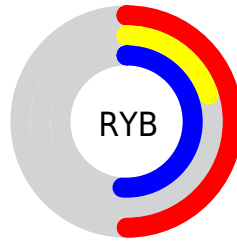
The CIELCh color **35, 53.031, 326.212** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **48, 53.328, 138.731**, and the grayscale version is **35, 0.005, 296.813**.

A 20% lighter version of the original color is **55, 53.079, 326.393**, and **16, 49.998, 325.992** is the 20% darker color. If you saturate the color by 10%, you get **33, 59.537, 326.497**, and if you desaturate by 10%, it is **38, 45.400, 325.847**.

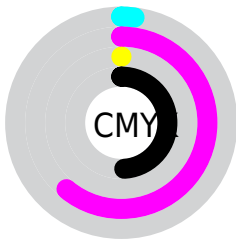
Distribution



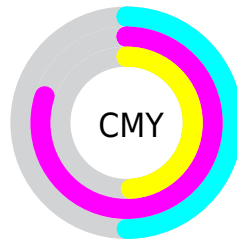
- Red (50%)
- Green (20%)
- Blue (51%)



- Red (50%)
- Yellow (20%)
- Blue (51%)



- Cyan (2%)
- Magenta (61%)
- Yellow (0%)
- Black (49%)





- Cyan (50%)
- Magenta (80%)
- Yellow (49%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 35, 53.031, 326.212 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, 53.031, 326.212 by changing the saturation by 10% instead.


 35, 53.031,
326.212


 35, 53.031,
326.212

 100, 53.031,
326.212


 25, 53.031,
326.212

 55, 53.031,
326.212


 15, 53.031,
326.212


 65, 53.031,
326.212

 5, 53.031, 326.212

 75, 53.031,
326.212

 0, 53.031, 326.212

 85, 53.031,
326.212

 95, 53.031,
326.212

■ 35, 53.031,
326.212

■ 35, 53.031,
326.212

■ 33, 59.537,
326.497

■ 38, 45.400,
325.847

■ 31, 64.609,
326.686

■ 40, 36.985,
325.422

■ 30, 68.038,
326.768

■ 44, 28.090,
324.954

■ 29, 70.245,
326.783

■ 47, 18.962,
324.459

■ 50, 9.783, 323.948

■ 54, 0.683, 323.199

■ 58, 8.255, 142.996

■ 62, 16.979,
142.509

■ 65, 25.461,
142.051

Harmonies

Complementary

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



35, 53.031, 326.212



48, 53.328, 138.731

Rectangle

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



35, 53.031, 326.212



35, 53.031, 16.212



35, 53.031, 146.212



35, 53.031, 196.212

Sweetspot

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



35, 53.029, 326.212



61, 20.296, 324.341



27, 48.482, 297.528



30, 14.047, 324.466



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, 53.029, 326.212



42, 74.496, 326.583



34, 39.967, 347.265



25, 5.042, 323.861



29, 69.254, 326.786



0, 0.000, 0.000

Inverse Universe

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



33, 37.725, 24.445



39, 56.826, 28.603



49, 38.548, 154.662



25, 2.952, 16.796



25, 59.986, 36.840



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIE LCh color 35, 53.031, 326.212 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, 53.031, 326.212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

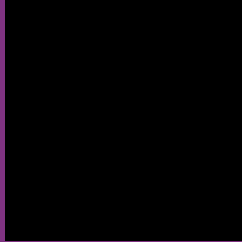
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 35, 53.031, 326.212

Background



This preview shows how black text looks on a background with the CIELCh color 35, 53.031, 326.212.

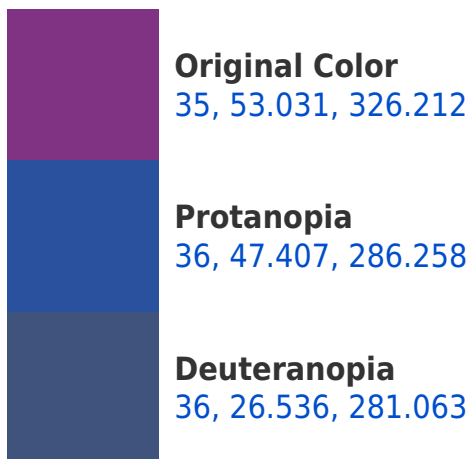


This preview shows how white text looks on a background with the CIELCh color 35, 53.031, 326.212.

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, 24.486, 16.632

Trichromacy



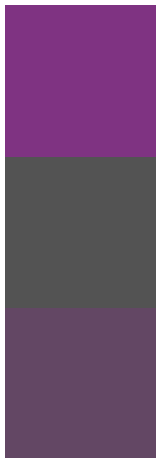
Original Color
35, 53.031, 326.212

Protanomaly
34, 48.138, 298.315

Deuteranomaly
34, 35.582, 304.455

Tritanomaly
35, 31.800, 347.784

Monochromacy



Original Color
35, 53.031, 326.212

Achromatopsia
35, 0.005, 296.813

Achromatomaly
34, 21.381, 324.928

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 53.031, 326.212 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(127, 51, 130)` looks like.

```
.text, #text, p{  
    color:rgb(127, 51, 130)  
}
```

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(127, 51, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 51, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 53.031, 326.212 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(127, 51, 130) }
```

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

```
.border{ border-color:rgb(127, 51, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 51, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 51, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 51, 130);  
box-shadow:4px 4px 4px 4px rgb(127, 51,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 35, 53.031, 326.212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 51, 130) }
```

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

```
.background{ background-color: rgb(127, 51,  
130) }
```

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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