

Converting Colors

CIELCh(35, 52.503, 288.514)

Have a look what the booklet for
CIELCh(35, 52.503, 288.514)
contains.

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Color

CIELCh(35, 52.947, 288.692)

Conversions

Conversions Part 1

Format	Color
Hex	244EA3
RGB	36, 78, 163
RGB Percent	14%, 31%, 64%
CMY	0.8578, 0.6936, 0.3601
CMYK	0.78, 0.52, 0.00, 0.36
HSL	220°, 64%, 39%
HSV	220°, 78%, 64%
XYZ	10.0961, 8.4984, 35.8355
YIQ	75.1320, -52.3170, 17.5310

Conversions

Conversions Part 2

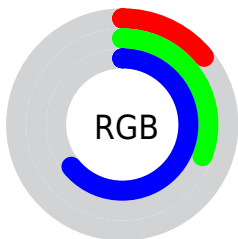
Format	Color
R_{YB}	36, 68, 163
Decimal	2379427
CIE _{Lab}	35.00, 16.97, -50.15
CIE _{LCh}	35, 52.947, 288.692
Y _{xy}	8.4984, 0.1855, 0.1561
Android (android.graphics.Color)	4280569507 (0xFF244EA3)
YUV	75.1320, 43.3189, -34.3188
Hunter-Lab	29.1520, 10.8030, -52.4766

Details

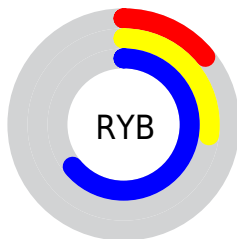
The CIELCh color **35, 52.947, 288.692** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **54, 50.664, 80.709**, and the grayscale version is **32, 0.005, 296.813**.

A 20% lighter version of the original color is **55, 53.452, 288.861**, and **17, 51.303, 295.680** is the 20% darker color. If you saturate the color by 10%, you get **31, 60.461, 292.224**, and if you desaturate by 10%, it is **39, 45.611, 285.375**.

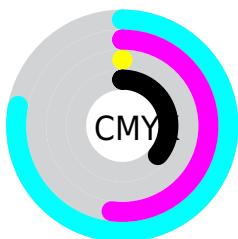
Distribution



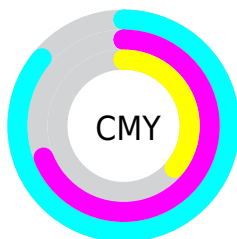
- Red (14%)
- Green (31%)
- Blue (64%)



- Red (14%)
- Yellow (27%)
- Blue (64%)



- Cyan (78%)
- Magenta (52%)
- Yellow (0%)
- Black (36%)





- Cyan (86%)
- Magenta (69%)
- Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 35, 52.947, 288.692 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, 52.947, 288.692 by changing the saturation by 10% instead.


 35, 52.947,
288.692


 35, 52.947,
288.692

 100, 52.947,
288.692


 25, 52.947,
288.692

 55, 52.947,
288.692


 15, 52.947,
288.692


 65, 52.947,
288.692

 5, 52.947, 288.692

 75, 52.947,
288.692

 0, 52.947, 288.692

 85, 52.947,
288.692

 95, 52.947,
288.692

■ 35, 52.947,
288.692

■ 35, 52.947,
288.692

■ 31, 60.461,
292.224

■ 39, 45.611,
285.375

■ 28, 68.037,
295.732

■ 43, 38.473,
282.378

■ 28, 69.715,
296.438

■ 47, 31.513,
279.742

■ 51, 24.701,
277.461

■ 55, 18.015,
275.503

■ 60, 11.440,
273.829

■ 64, 4.970, 272.410

■ 68, 1.398, 90.979

Harmonies

Complementary

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



35, 52.947, 288.692



54, 50.664, 80.709

Rectangle

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



35, 52.947, 288.692



35, 52.947, 338.692



35, 52.947, 108.692



35, 52.947, 158.692

Sweetspot

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



35, 52.947, 288.693



73, 18.371, 274.741



60, 45.516, 163.998



37, 12.852, 275.343



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



35, 52.947, 288.693



39, 79.749, 294.702



26, 79.145, 305.405



32, 3.618, 272.604



24, 63.396, 296.075



2, 5.785, 273.778

Inverse Universe

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



37, 53.860, 7.747



45, 73.008, 15.182



63, 63.104, 112.159



32, 3.979, 354.708



30, 56.657, 17.173



1, 5.987, 356.028

Previews

White Background



This preview shows how the CIE LCh color 35, 52.947, 288.692 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, 52.947, 288.692 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

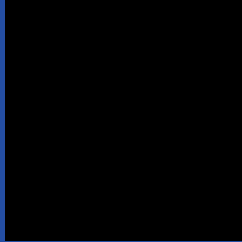
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 35, 52.947, 288.692

Background



This preview shows how black text looks on a background with the CIELCh color 35, 52.947, 288.692.



This preview shows how white text looks on a background with the CIELCh color 35, 52.947, 288.692.

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, 52.947, 288.692

Protanopia

35, 53.087, 286.966

Deuteranopia

35, 40.237, 274.611



Tritanopia
35, 22.882, 206.153

Trichromacy



Original Color
35, 52.947, 288.692

Protanomaly
35, 53.024, 287.387

Deuteranomaly
35, 44.508, 280.048

Tritanomaly
34, 26.788, 253.747

Monochromacy



Original Color
35, 52.947, 288.692

Achromatopsia
32, 0.005, 296.813

Achromatomaly
32, 20.056, 278.516

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 52.947, 288.692 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(36, 78, 163)` looks like.

```
.text, #text, p{  
    color:rgb(36, 78, 163)  
}
```

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(36, 78, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 78, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 52.947, 288.692 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(36, 78, 163) }
```

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

```
.border{ border-color:rgb(36, 78, 163) }
```

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

Here you see how a box with a 4 pixel rgb(36, 78, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 78, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 78, 163);  
box-shadow:4px 4px 4px 4px rgb(36, 78,  
163) }
```

Background

The CSS property to change the background color of an element to CIELCh 35, 52.947, 288.692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 78, 163) }
```

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

```
.background{ background-color: rgb(36, 78,  
163) }
```

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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