

Converting Colors

CIELCh(35, 51.685, 125.729)

Have a look what the booklet for
CIELCh(35, 51.685, 125.729)
contains.

CIELCh(35, 51.206, 126.006)	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, 51.206, 126.006)

Conversions

Conversions Part 1

Format	Color
Hex	315D00
RGB	49, 93, 0
RGB Percent	19%, 36%, 0%
CMY	0.8075, 0.6350, 0.9996
CMYK	0.47, 0.00, 1.00, 0.63
HSL	88°, 100%, 18%
HSV	88°, 100%, 37%
XYZ	5.1928, 8.4984, 1.3691
YIQ	69.2420, 3.6290, -38.2510

Conversions

Conversions Part 2

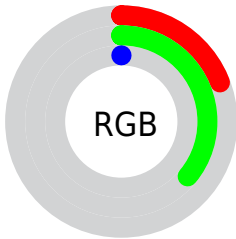
Format	Color
RYB	0, 93, 44
Decimal	3235072
CIELab	35.00, -30.10, 41.42
CIELCh	35, 51.206, 126.006
Yxy	8.4984, 0.3448, 0.5643
Android (android.graphics.Color)	4281425152 (0xFF315D00)
YUV	69.2420, -34.1363, -17.7522
Hunter-Lab	29.1520, -19.2200, 17.6218

Details

The CIELCh color **35, 51.206, 126.006** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **11, 59.584, 312.062**, and the grayscale version is **30, 0.005, 296.813**.

A 20% lighter version of the original color is **55, 51.332, 125.831**, and **15, 33.785, 140.203** is the 20% darker color. If you saturate the color by 10%, you get **35, 51.239, 126.008**, and if you desaturate by 10%, it is **35, 47.936, 125.713**.

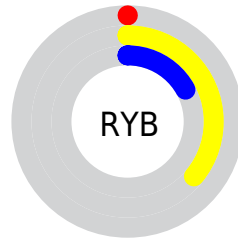
Distribution



Red (19%)

Green (36%)

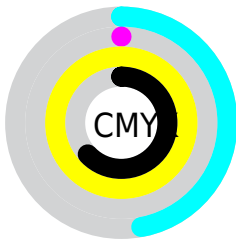
Blue (0%)



Red (0%)

Yellow (36%)

Blue (17%)

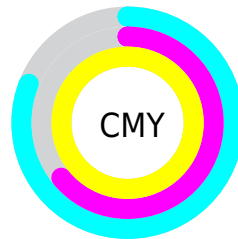


Cyan (47%)

Magenta (0%)

Yellow (100%)

Black (63%)



Cyan (81%)


Magenta (64%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 35, 51.206, 126.006 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, 51.206, 126.006 by changing the saturation by 10% instead.


 35, 51.206,
126.006


 35, 51.206,
126.006

 100, 51.206,
126.006


 25, 51.206,
126.006

 55, 51.206,
126.006


 15, 51.206,
126.006


 65, 51.206,
126.006

 5, 51.206, 126.006

 75, 51.206,
126.006

 0, 51.206, 126.006

 85, 51.206,
126.006

 95, 51.206,
126.006

■ 35, 51.206,
126.006

■ 35, 51.206,
126.006

■ 35, 51.239,
126.008

■ 35, 47.936,
125.713

■ 36, 44.391,
125.387

■ 36, 39.997,
125.381

■ 36, 34.978,
125.596

■ 37, 29.533,
125.945

■ 37, 23.813,
126.366

■ 38, 17.927,
126.818

■ 38, 11.952,

127.274

■ 39, 5.942, 127.721

Harmonies

Complementary

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



35, 51.206, 126.006



11, 59.584, 312.062

Rectangle

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



35, 51.206, 126.006



35, 51.206, 176.006



35, 51.206, 306.006



35, 51.206, 356.006

Sweetspot

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



35, 51.206, 126.007



48, 22.140, 126.773



24, 39.482, 59.681



24, 15.208, 126.645



77, 0.009, 296.813



26, 0.004, 296.813

Same Dimension

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



35, 51.206, 126.007



45, 61.520, 126.502



34, 57.060, 135.718



19, 3.322, 127.769



41, 57.657, 126.341



84, 102.612, 127.388

Inverse Universe

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



11, 59.584, 312.062



17, 71.513, 311.728



20, 55.372, 327.004



17, 3.366, 308.485



15, 67.049, 311.839



37, 119.010, 311.126

Previews

White Background



This preview shows how the CIELCh color 35, 51.206, 126.006 looks on a white background.

Color Contrast Check

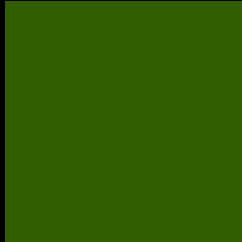
Large Text (above 18pt) WCAG AA ✓ Pass

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, 51.206, 126.006 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, 51.206, 126.006

Background



This preview shows how black text looks on a background with the CIELCh color 35, 51.206, 126.006.



This preview shows how white text looks on a background with the CIELCh color 35, 51.206, 126.006.

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, 51.206, 126.006

Protanopia
35, 42.916, 95.193

Deuteranopia
35, 36.918, 83.418



Tritanopia
35, 10.439, 219.349

Trichromacy



Original Color
35, 51.206, 126.006

Protanomaly
34, 44.211, 108.771

Deuteranomaly
34, 38.993, 103.478

Tritanomaly
35, 23.242, 143.742

Monochromacy



Original Color
35, 51.206, 126.006

Achromatopsia
29, 0.005, 296.813

Achromatomaly
31, 22.416, 126.159

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 51.206, 126.006 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(49, 93, 0)` looks like.

```
.text, #text, p{  
    color:rgb(49, 93, 0)  
}
```

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(49, 93, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 93, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 51.206, 126.006 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(49, 93, 0) }
```

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

```
.border{ border-color:rgb(49, 93, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 93, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 93, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(49, 93, 0); box-shadow:4px  
4px 4px 4px rgb(49, 93, 0) }
```

Background

The CSS property to change the background color of an element to CIELCh 35, 51.206, 126.006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 93, 0) }
```

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

```
.background{ background-color: rgb(49, 93,  
0) }
```

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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