

Converting Colors

CIELCh(36, 54.747, 130.399)

Have a look what the booklet for
CIELCh(36, 54.747, 130.399)
contains.

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Color

CIELCh(36, 54.688, 130.384)

Conversions

Conversions Part 1

Format	Color
Hex	266101
RGB	38, 97, 1
RGB Percent	15%, 38%, 0%
CMY	0.8500, 0.6188, 0.9951
CMYK	0.61, 0.00, 0.99, 0.62
HSL	97°, 97%, 19%
HSV	97°, 99%, 38%
XYZ	5.1095, 9.0082, 1.5050
YIQ	68.4150, -4.3480, -42.3640

Conversions

Conversions Part 2

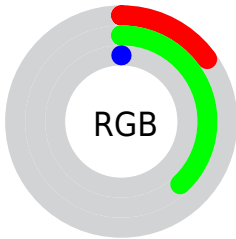
Format	Color
RYB	1, 97, 60
Decimal	2515201
CIELab	36.00, -35.43, 41.66
CIELCh	36, 54.688, 130.384
Yxy	9.0082, 0.3271, 0.5766
Android (android.graphics.Color)	4280705281 (0xFF266101)
YUV	68.4150, -33.2356, -26.6740
Hunter-Lab	30.0136, -22.1359, 18.0364

Details

The CIELCh color **36, 54.688, 130.384** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **15, 59.252, 315.468**, and the grayscale version is **29, 0.005, 296.813**.

A 20% lighter version of the original color is **56, 54.439, 130.580**, and **16, 35.584, 139.332** is the 20% darker color. If you saturate the color by 10%, you get **36, 55.134, 130.383**, and if you desaturate by 10%, it is **36, 51.304, 130.161**.

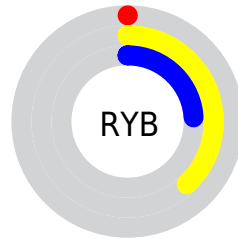
Distribution



Red (15%)

Green (38%)

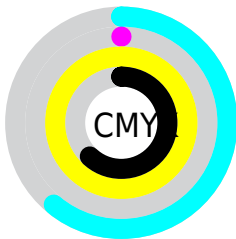
Blue (0%)



Red (0%)

Yellow (38%)

Blue (24%)

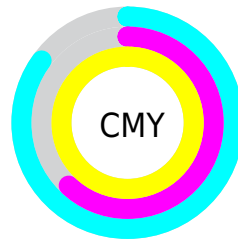


Cyan (61%)

Magenta (0%)

Yellow (99%)

Black (62%)



Cyan (85%)

Magenta (62%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 36, 54.688, 130.384 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 36, 54.688, 130.384 by changing the saturation by 10% instead.


 36, 54.688,
130.384

 36, 54.688,
130.384

 100, 54.688,
130.384

 26, 54.688,
130.384

 56, 54.688,
130.384

 16, 54.688,
130.384


 66, 54.688,
130.384

 6, 54.688, 130.384

 76, 54.688,
130.384

 0, 54.688, 130.384

 86, 54.688,
130.384

 96, 54.688,
130.384

■ 36, 54.688,
130.384

■ 36, 54.688,
130.384

■ 36, 55.134,
130.383

■ 36, 51.304,
130.161

■ 37, 47.365,
129.980

■ 37, 42.531,
130.097

■ 37, 37.043,
130.407

■ 38, 31.113,
130.823

■ 38, 24.902,
131.285

■ 39, 18.529,
131.755

■ 40, 12.078,

132.209

■ 41, 5.611, 132.640

Harmonies

Complementary

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



36, 54.688, 130.384



15, 59.252, 315.468

Rectangle

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



36, 54.688, 130.384



36, 54.688, 180.384



36, 54.688, 310.384



36, 54.688, 0.384

Sweetspot

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



36, 54.688, 130.385



51, 24.180, 131.652



29, 40.016, 71.678



25, 16.341, 131.519



77, 0.009, 296.813



27, 0.004, 296.813

Same Dimension

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



36, 54.688, 130.385



47, 67.194, 130.855



35, 56.410, 137.758



20, 3.599, 132.634



41, 61.177, 130.647



84, 108.059, 131.570

Inverse Universe

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



15, 59.252, 315.468



21, 72.670, 315.145



21, 52.670, 332.313



18, 3.634, 313.291



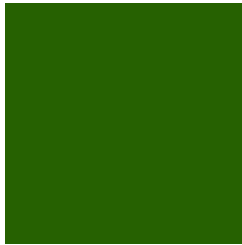
18, 66.246, 315.288



42, 116.360, 314.633

Previews

White Background



This preview shows how the CIELCh color 36, 54.688, 130.384 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 36, 54.688, 130.384 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

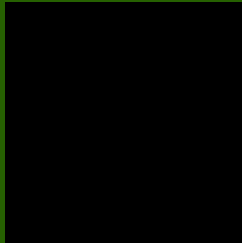
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 36, 54.688, 130.384

Background



This preview shows how black text looks on a background with the CIELCh color 36, 54.688, 130.384.



This preview shows how white text looks on a background with the CIELCh color 36, 54.688, 130.384.

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


36, 54.688, 130.384

Protanopia

36, 43.888, 96.093

Deuteranopia

36, 37.541, 83.048



Tritanopia
36, 13.665, 219.383

Trichromacy



Original Color
36, 54.688, 130.384

Protanomaly
35, 45.715, 112.275

Deuteranomaly
35, 39.980, 107.116

Tritanomaly
36, 26.294, 151.511

Monochromacy



Original Color
36, 54.688, 130.384

Achromatopsia
29, 0.005, 296.813

Achromatomaly
31, 23.837, 130.612

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 36, 54.688, 130.384 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(38, 97, 1)` looks like.

```
.text, #text, p{  
    color:rgb(38, 97, 1)  
}
```

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(38, 97, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 97, 1) }
```

Border

The CSS property to change the border of an element to CIELCh 36, 54.688, 130.384 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(38, 97, 1) }
```

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

```
.border{ border-color:rgb(38, 97, 1) }
```

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

Here you see how a box with a 4 pixel rgb(38, 97, 1) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 97, 1); -webkit-box-shadow:4px  
4px 4px 4px rgb(38, 97, 1); box-shadow:4px  
4px 4px 4px rgb(38, 97, 1) }
```

Background

The CSS property to change the background color of an element to CIELCh 36, 54.688, 130.384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 97, 1) }
```

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

```
.background{ background-color: rgb(38, 97,  
1) }
```

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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