

Converting Colors

CIELCh(36, 61.126, 288.729)

Have a look what the booklet for
CIELCh(36, 61.126, 288.729)
contains.

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Color

CIELCh(36, 61.278, 288.827)

Conversions

Conversions Part 1

Format	Color
Hex	0250B3
RGB	2, 80, 179
RGB Percent	1%, 31%, 70%
CMY	0.9917, 0.6862, 0.2980
CMYK	0.99, 0.55, 0.00, 0.30
HSL	214°, 98%, 36%
HSV	214°, 99%, 70%
XYZ	11.0340, 9.0082, 43.8138
YIQ	67.9640, -78.2670, 14.2530

Conversions

Conversions Part 2

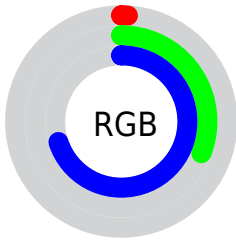
Format	Color
RYB	2, 56, 179
Decimal	151731
CIELab	36.00, 19.78, -58.00
CIELCh	36, 61.278, 288.827
Yxy	9.0082, 0.1728, 0.1411
Android (android.graphics.Color)	4278341811 (0xFF0250B3)
YUV	67.9640, 54.7407, -57.8504
Hunter-Lab	30.0136, 13.0989, -65.5420

Details

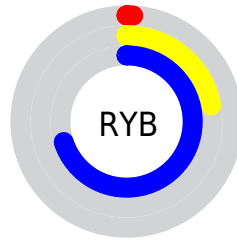
The CIELCh color **36, 61.278, 288.827** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **51, 63.534, 66.082**, and the grayscale version is **29, 0.004, 296.813**.

A 20% lighter version of the original color is **56, 61.770, 289.129**, and **19, 58.994, 297.382** is the 20% darker color. If you saturate the color by 10%, you get **36, 62.063, 289.279**, and if you desaturate by 10%, it is **39, 54.742, 284.704**.

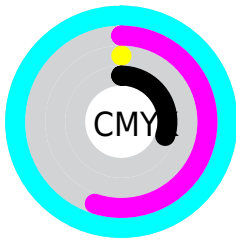
Distribution



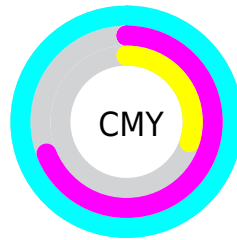
- Red (1%)
- Green (31%)
- Blue (70%)



- Red (1%)
- Yellow (22%)
- Blue (70%)



- Cyan (99%)
- Magenta (55%)
- Yellow (0%)
- Black (30%)





- Cyan (99%)
- Magenta (69%)
- Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 36, 61.278, 288.827 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, 61.278, 288.827 by changing the saturation by 10% instead.


 36, 61.278,
288.827


 36, 61.278,
288.827

 100, 61.278,
288.827


 26, 61.278,
288.827

 56, 61.278,
288.827


 16, 61.278,
288.827


 66, 61.278,
288.827

 6, 61.278, 288.827

 76, 61.278,
288.827

 0, 61.278, 288.827

 86, 61.278,
288.827

 96, 61.278,
288.827

■ 36, 61.278,
288.827

■ 36, 61.278,
288.827

■ 36, 62.063,
289.279

■ 39, 54.742,
284.704

■ 42, 48.392,
280.642

■ 46, 42.182,
276.896

■ 50, 36.053,
273.562

■ 53, 29.953,
270.665

■ 57, 23.847,
268.185

■ 61, 17.723,
266.078

■ 65, 11.581,

264.294

■ 69, 5.430, 262.798

Harmonies

Complementary

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



36, 61.278, 288.827



51, 63.534, 66.082

Rectangle

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



36, 61.278, 288.827



36, 61.278, 338.827



36, 61.278, 108.827



36, 61.278, 158.827

Sweetspot

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



36, 61.278, 288.829



77, 22.774, 266.408



64, 64.215, 152.107



39, 15.657, 267.268



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



36, 61.278, 288.829



46, 76.713, 290.029



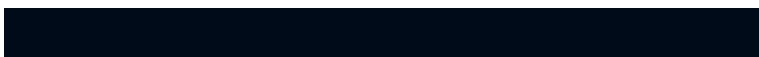
21, 101.753, 306.330



36, 3.477, 262.865



30, 54.565, 288.723



3, 9.269, 270.487

Inverse Universe

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



38, 64.517, 7.109



50, 78.662, 8.537



70, 74.209, 105.926



35, 4.575, 347.753



32, 57.658, 6.959



2, 10.276, 353.159

Previews

White Background



This preview shows how the CIELCh color 36, 61.278, 288.827 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, 61.278, 288.827 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

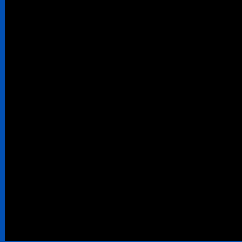
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 36, 61.278, 288.827

Background



This preview shows how black text looks on a background with the CIELCh color 36, 61.278, 288.827.



This preview shows how white text looks on a background with the CIELCh color 36, 61.278, 288.827.

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, 61.278, 288.827

Protanopia

36, 57.215, 286.810

Deuteranopia

36, 40.207, 273.596



Tritanopia
36, 23.416, 205.874

Trichromacy



Original Color
36, 61.278, 288.827

Protanomaly
36, 58.350, 287.365

Deuteranomaly
36, 47.946, 281.009

Tritanomaly
35, 29.547, 256.396

Monochromacy



Original Color
36, 61.278, 288.827

Achromatopsia
29, 0.005, 296.813

Achromatomaly
30, 24.119, 273.144

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 36, 61.278, 288.827 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(2, 80, 179)` looks like.

```
.text, #text, p{  
    color:rgb(2, 80, 179)  
}
```

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(2, 80, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 80, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 36, 61.278, 288.827 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(2, 80, 179) }
```

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

```
.border{ border-color:rgb(2, 80, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 80, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 80, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 80, 179);  
box-shadow:4px 4px 4px 4px rgb(2, 80, 179)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 36, 61.278, 288.827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 80, 179) }
```

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

```
.background{ background-color: rgb(2, 80,  
179) }
```

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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