

Converting Colors

CIELCh(34, 36.912, 292.106)

Have a look what the booklet for
CIELCh(34, 36.912, 292.106)
contains.

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Color

CIELCh(34, 36.943, 292.366)

Conversions

Conversions Part 1

Format	Color
Hex	434B86
RGB	67, 75, 134
RGB Percent	26%, 29%, 53%
CMY	0.7359, 0.7047, 0.4732
CMYK	0.50, 0.44, 0.00, 0.47
HSL	233°, 33%, 40%
HSV	233°, 50%, 53%
XYZ	9.2003, 8.0082, 23.7374
YIQ	79.3340, -23.7070, 16.6530

Conversions

Conversions Part 2

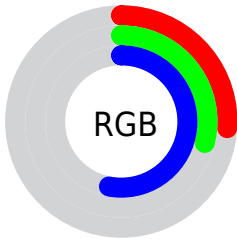
Format	Color
RYB	67, 74, 134
Decimal	4410246
CIELab	34.00, 14.06, -34.16
CIELCh	34, 36.943, 292.366
Yxy	8.0082, 0.2247, 0.1956
Android (android.graphics.Color)	4282600326 (0xFF434B86)
YUV	79.3340, 26.9503, -10.8169
Hunter-Lab	28.2988, 8.5096, -29.9240

Details

The CIELCh color $34, 36.943, 292.366$ is a dark color, and the websafe version is hex 333366 . A complement of this color would be $52, 33.457, 99.625$, and the grayscale version is $34, 0.005, 296.813$.

A 20% lighter version of the original color is $54, 36.897, 292.068$, and $14, 36.767, 292.013$ is the 20% darker color. If you saturate the color by 10%, you get $30, 45.185, 294.607$, and if you desaturate by 10%, it is $38, 28.989, 290.391$.

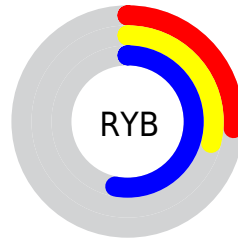
Distribution



Red (26%)

Green (29%)

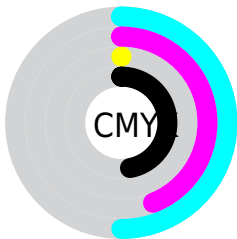
Blue (53%)



Red (26%)

Yellow (29%)

Blue (53%)

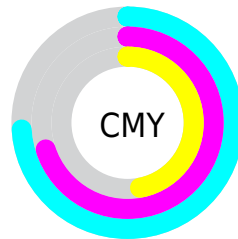


Cyan (50%)

Magenta (44%)

Yellow (0%)

Black (47%)



Cyan (74%)


Magenta (70%)


Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 34, 36.943, 292.366 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 34, 36.943, 292.366 by changing the saturation by 10% instead.

 34, 36.943,
292.366


 34, 36.943,
292.366

 100, 36.943,
292.366


 24, 36.943,
292.366

 54, 36.943,
292.366


 14, 36.943,
292.366


 64, 36.943,
292.366

 4, 36.943, 292.366

 74, 36.943,
292.366

 0, 36.943, 292.366

 84, 36.943,
292.366

 94, 36.943,
292.366

■ 34, 36.943,
292.366

■ 34, 36.943,
292.366

■ 30, 45.185,
294.607

■ 38, 28.989,
290.391

■ 26, 53.649,
297.070

■ 43, 21.329,
288.680

■ 22, 62.113,
299.636

■ 47, 13.945,
287.210

■ 19, 70.080,
302.096

■ 52, 6.816, 285.955

■ 16, 76.796,
304.069

■ 56, 0.078, 103.756

■ 16, 76.870,
304.088

■ 60, 6.753, 103.914

■ 65, 13.223,
103.114

■ 69, 19.501,
102.414

■ 73, 25.597,
101.802

Harmonies

Complementary

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



34, 36.943, 292.366



52, 33.457, 99.625

Rectangle

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



34, 36.943, 292.366



34, 36.943, 342.366



34, 36.943, 112.366



34, 36.943, 162.366

Sweetspot

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



34, 36.942, 292.367



63, 12.866, 286.614



52, 23.679, 184.266



31, 8.766, 286.843



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



34, 36.942, 292.367



38, 55.923, 294.948



34, 42.652, 307.424



26, 3.847, 285.868



15, 74.922, 304.024



0, 0.909, 284.873

Inverse Universe

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



37, 30.625, 15.975



44, 46.026, 18.704



53, 38.794, 121.798



26, 3.083, 10.300



26, 58.501, 33.297



0, 0.719, 9.620

Previews

White Background



This preview shows how the CIE LCh color 34, 36.943, 292.366 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 34, 36.943, 292.366 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

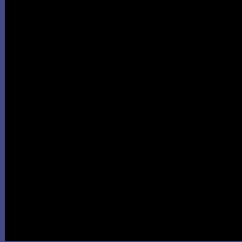
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 34, 36.943, 292.366

Background



This preview shows how black text looks on a background with the CIELCh color 34, 36.943, 292.366.



This preview shows how white text looks on a background with the CIELCh color 34, 36.943, 292.366.

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

34, 36.943, 292.366

Protanopia

34, 37.142, 285.726

Deuteranopia

34, 33.979, 278.909



Tritanopia
34, 12.118, 219.391

Trichromacy



Original Color
34, 36.943, 292.366

Protanomaly
34, 37.025, 288.067

Deuteranomaly
34, 34.834, 283.609

Tritanomaly
34, 17.675, 267.322

Monochromacy



Original Color
34, 36.943, 292.366

Achromatopsia
34, 0.005, 296.813

Achromatomaly
34, 13.848, 287.765

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 36.943, 292.366 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(67, 75, 134)` looks like.

```
.text, #text, p{  
    color:rgb(67, 75, 134)  
}
```

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(67, 75, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 75, 134) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 36.943, 292.366 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(67, 75, 134) }
```

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

```
.border{ border-color:rgb(67, 75, 134) }
```

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

Here you see how a box with a 4 pixel rgb(67, 75, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 75, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 75, 134);  
box-shadow:4px 4px 4px 4px rgb(67, 75,  
134) }
```

Background

The CSS property to change the background color of an element to CIELCh 34, 36.943, 292.366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 75, 134) }
```

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

```
.background{ background-color: rgb(67, 75,  
134) }
```

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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