

Converting Colors

CIELCh(35, 73.633, 294.145)

Have a look what the booklet for
CIELCh(35, 73.633, 294.145)
contains.

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Color

CIELCh(35, 73.947, 294.295)

Conversions

Conversions Part 1

Format	Color
Hex	0448C0
RGB	4, 72, 192
RGB Percent	2%, 28%, 75%
CMY	0.9843, 0.7170, 0.2462
CMYK	0.98, 0.62, 0.00, 0.25
HSL	218°, 96%, 38%
HSV	218°, 98%, 75%
XYZ	11.9168, 8.4984, 51.0070
YIQ	65.3480, -79.0480, 22.9040

Conversions

Conversions Part 2

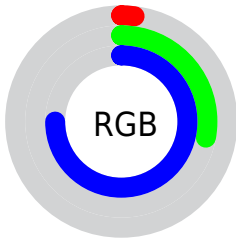
Format	Color
RYB	4, 54, 192
Decimal	280768
CIELab	35.00, 30.42, -67.40
CIElCh	35, 73.947, 294.295
Yxy	8.4984, 0.1669, 0.1190
Android (android.graphics.Color)	4278470848 (0xFF0448C0)
YUV	65.3480, 62.4394, -53.8022
Hunter-Lab	29.1520, 21.9517, -83.3328

Details

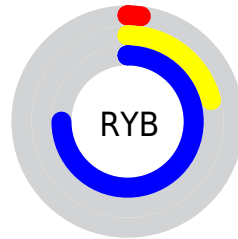
The CIELCh color **35, 73.947, 294.295** is a dark color, and the websafe version is hex **003399**. The color can be described as dark washed blue. A complement of this color would be **58, 66.050, 73.336**, and the grayscale version is **28, 0.004, 296.813**.

A 20% lighter version of the original color is **55, 73.634, 294.274**, and **19, 70.585, 301.094** is the 20% darker color. If you saturate the color by 10%, you get **34, 75.667, 295.016**, and if you desaturate by 10%, it is **39, 65.746, 290.556**.

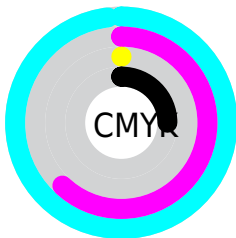
Distribution



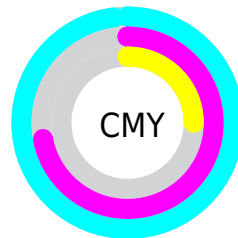
- Red (2%)
- Green (28%)
- Blue (75%)



- Red (2%)
- Yellow (21%)
- Blue (75%)



- Cyan (98%)
- Magenta (62%)
- Yellow (0%)
- Black (25%)





- Cyan (98%)
- Magenta (72%)
- Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 35, 73.947, 294.295 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, 73.947, 294.295 by changing the saturation by 10% instead.


 35, 73.947,
294.295


 35, 73.947,
294.295

 100, 73.947,
294.295


 25, 73.947,
294.295

 55, 73.947,
294.295


 15, 73.947,
294.295


 65, 73.947,
294.295

 5, 73.947, 294.295

 75, 73.947,
294.295

 0, 73.947, 294.295

 85, 73.947,
294.295

 95, 73.947,
294.295

■ 35, 73.947,
294.295

■ 35, 73.947,
294.295

■ 34, 75.667,
295.016

■ 39, 65.746,
290.556

■ 42, 57.667,
286.825

■ 47, 49.791,
283.332

■ 51, 42.113,
280.186

■ 56, 34.596,
277.430

■ 60, 27.202,
275.052

■ 65, 19.908,
273.018

■ 69, 12.702,

271.285

■ 74, 5.581, 269.822

Harmonies

Complementary

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



35, 73.947, 294.295



58, 66.050, 73.336

Rectangle

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



35, 73.947, 294.295



35, 73.947, 344.295



35, 73.947, 114.295



35, 73.947, 164.295

Sweetspot

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



35, 73.948, 294.297



81, 25.622, 273.313



69, 61.377, 157.334



41, 17.622, 274.169



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



35, 73.948, 294.297



45, 93.742, 295.631



24, 106.262, 306.657



38, 4.029, 270.018



28, 65.315, 294.492



3, 14.704, 278.482

Inverse Universe

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



41, 68.611, 14.440



53, 84.596, 16.454



74, 78.861, 110.862



38, 4.671, 352.607



34, 60.459, 14.677



3, 14.890, 0.246

Previews

White Background



This preview shows how the CIE LCh color 35, 73.947, 294.295 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, 73.947, 294.295 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

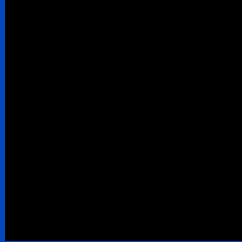
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 35, 73.947, 294.295

Background



This preview shows how black text looks on a background with the CIELCh color 35, 73.947, 294.295.



This preview shows how white text looks on a background with the CIELCh color 35, 73.947, 294.295.

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, 73.941, 294.324

Protanopia

35, 55.639, 286.524

Deuteranopia

35, 38.632, 272.931



Tritanopia
35, 22.882, 206.153

Trichromacy



Original Color
35, 73.941, 294.324

Protanomaly
35, 62.105, 289.711

Deuteranomaly
35, 50.982, 283.922

Tritanomaly
34, 32.968, 265.541

Monochromacy



Original Color
35, 73.941, 294.324

Achromatopsia
28, 0.004, 296.813

Achromatomaly
29, 28.219, 279.884

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 73.947, 294.295 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(4, 72, 192)` looks like.

```
.text, #text, p{  
    color:rgb(4, 72, 192)  
}
```

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(4, 72, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 72, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 73.947, 294.295 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(4, 72, 192) }
```

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

```
.border{ border-color:rgb(4, 72, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(4, 72, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 72, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(4, 72, 192);  
box-shadow:4px 4px 4px 4px rgb(4, 72, 192)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 35, 73.947, 294.295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 72, 192) }
```

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

```
.background{ background-color: rgb(4, 72,  
192) }
```

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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