

Converting Colors

CIELCh(34, 34.871, 295.777)

Have a look what the booklet for
CIELCh(34, 34.871, 295.777)
contains.

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Color

CIELCh(34, 35.106, 295.817)

Conversions

Conversions Part 1

Format	Color
Hex	4A4A82
RGB	74, 74, 130
RGB Percent	29%, 29%, 51%
CMY	0.7089, 0.7090, 0.4893
CMYK	0.43, 0.43, 0.00, 0.49
HSL	240°, 27%, 40%
HSV	240°, 43%, 51%
XYZ	9.3491, 8.0082, 22.2538
YIQ	80.3840, -17.9760, 17.4160

Conversions

Conversions Part 2

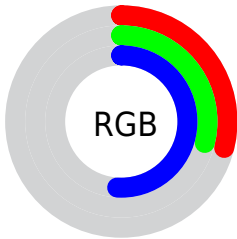
Format	Color
R_YB	74, 74, 130
Decimal	4868738
CIE Lab	34.00, 15.29, -31.60
CIE LCh	34, 35.106, 295.817
Yxy	8.0082, 0.2360, 0.2022
Android (android.graphics.Color)	4283058818 (0xFF4A4A82)
YUV	80.3840, 24.4607, -5.5988
Hunter-Lab	28.2988, 9.4482, -26.8158

Details

The CIELCh color `34, 35.106, 295.817` is a dark color, and the websafe version is hex `333366`. A complement of this color would be `53, 31.503, 106.225`, and the grayscale version is `34, 0.005, 296.813`.

A 20% lighter version of the original color is `54, 34.663, 295.323`, and `14, 35.349, 296.166` is the 20% darker color. If you saturate the color by 10%, you get `29, 44.146, 297.700`, and if you desaturate by 10%, it is `39, 26.392, 294.163`.

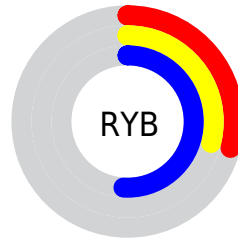
Distribution



Red (29%)

Green (29%)

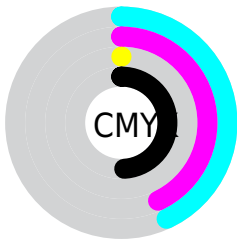
Blue (51%)



Red (29%)

Yellow (29%)

Blue (51%)

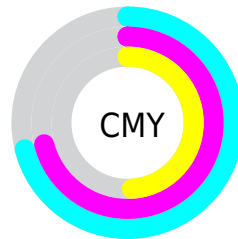


Cyan (43%)

Magenta (43%)

Yellow (0%)

Black (49%)



Cyan (71%)


Magenta (71%)


Yellow (49%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 34, 35.106, 295.817 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, 35.106, 295.817 by changing the saturation by 10% instead.


 34, 35.106,
295.817


 34, 35.106,
295.817

 100, 35.106,
295.817


 24, 35.106,
295.817

 54, 35.106,
295.817


 14, 35.106,
295.817


 64, 35.106,
295.817

 4, 35.106, 295.817

 74, 35.106,
295.817

 0, 35.106, 295.817

 84, 35.106,
295.817

 94, 35.106,
295.817

■ 34, 35.106,
295.817

■ 34, 35.106,
295.817

■ 29, 44.146,
297.700

■ 39, 26.392,
294.163

■ 25, 53.402,
299.769

■ 44, 18.027,
292.737

■ 21, 62.553,
301.902

■ 48, 9.996, 291.519

■ 17, 70.901,
303.873

■ 53, 2.278, 290.494

■ 58, 5.151, 109.578

■ 15, 77.319,
305.375

■ 62, 12.312,
108.824

■ 13, 81.278,
306.289

■ 67, 19.223,
108.174

■ 72, 25.903,
107.614

■ 76, 32.365,
107.128

Harmonies

Complementary

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



34, 35.106, 295.817



53, 31.503, 106.225

Rectangle

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



34, 35.106, 295.817



34, 35.106, 345.817



34, 35.106, 115.817



34, 35.106, 165.817

Sweetspot

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



34, 35.105, 295.817



61, 12.317, 291.550



51, 19.293, 197.463



30, 8.610, 291.767



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



34, 35.105, 295.817



39, 53.410, 297.731



37, 36.059, 311.149



25, 4.363, 291.098



13, 81.196, 306.289



0, 1.028, 290.191

Inverse Universe

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



40, 39.312, 326.651



48, 57.519, 327.100



51, 33.961, 127.129



26, 5.271, 324.910



30, 70.107, 328.246



0, 1.256, 324.448

Previews

White Background



This preview shows how the CIE LCh color 34, 35.106, 295.817 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, 35.106, 295.817 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

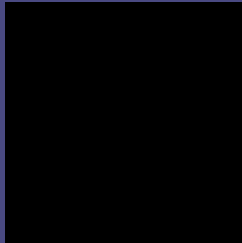
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 34, 35.106, 295.817

Background



This preview shows how black text looks on a background with the CIELCh color 34, 35.106, 295.817.



This preview shows how white text looks on a background with the CIELCh color 34, 35.106, 295.817.

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

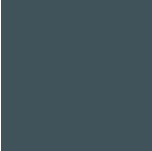
34, 35.106, 295.817

Protanopia

34, 35.247, 285.911

Deuteranopia

34, 31.324, 279.599



Tritanopia
34, 8.482, 229.896

Trichromacy



Original Color
34, 35.106, 295.817

Protanomaly
34, 35.103, 288.959

Deuteranomaly
34, 32.176, 285.126

Tritanomaly
34, 16.116, 277.070

Monochromacy



Original Color
34, 35.106, 295.817

Achromatopsia
34, 0.005, 296.813

Achromatomaly
34, 12.543, 292.286

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 35.106, 295.817 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(74, 74, 130)` looks like.

```
.text, #text, p{  
    color:rgb(74, 74, 130)  
}
```

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(74, 74, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 74, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 35.106, 295.817 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(74, 74, 130) }
```

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

```
.border{ border-color:rgb(74, 74, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 74, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 74, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 74, 130);  
box-shadow:4px 4px 4px 4px rgb(74, 74,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 34, 35.106, 295.817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 74, 130) }
```

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

```
.background{ background-color: rgb(74, 74,  
130) }
```

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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