

Converting Colors

CIELCh(34, 104.519, 307.059)

Have a look what the booklet for
CIELCh(34, 104.519, 307.059)
contains.

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Color

CIELCh(34, 104.514, 307.082)

Conversions

Conversions Part 1

Format	Color
Hex	4F25D9
RGB	79, 37, 217
RGB Percent	31%, 15%, 85%
CMY	0.6898, 0.8546, 0.1487
CMYK	0.64, 0.83, 0.00, 0.15
HSL	254°, 71%, 50%
HSV	254°, 83%, 85%
XYZ	16.4311, 8.0082, 66.3797
YIQ	70.0780, -32.7480, 64.8840

Conversions

Conversions Part 2

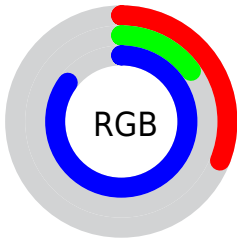
Format	Color
R _Y B	79, 37, 217
Decimal	5187033
CIE Lab	34.00, 63.02, -83.38
CIE LCh	34, 104.514, 307.082
Yxy	8.0082, 0.1809, 0.0882
Android (android.graphics.Color)	4283377113 (0xFF4F25D9)
YUV	70.0780, 72.4325, 7.8246
Hunter-Lab	28.2988, 54.1193, -119.2657

Details

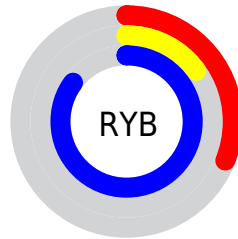
The CIELCh color **34, 104.514, 307.082** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed blue. A complement of this color would be **81, 82.986, 115.522**, and the grayscale version is **29, 0.005, 296.813**.

A 20% lighter version of the original color is **52, 94.092, 307.687**, and **18, 94.441, 306.287** is the 20% darker color. If you saturate the color by 10%, you get **30, 112.605, 307.466**, and if you desaturate by 10%, it is **39, 93.333, 306.247**.

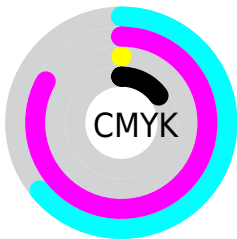
Distribution



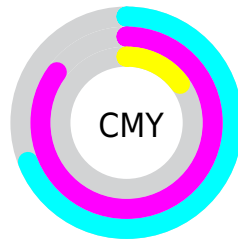
- Red (31%)
- Green (15%)
- Blue (85%)



- Red (31%)
- Yellow (15%)
- Blue (85%)



- Cyan (64%)
- Magenta (83%)
- Yellow (0%)
- Black (15%)





- Cyan (69%)
- Magenta (85%)
- Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 34, 104.514, 307.082 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, 104.514, 307.082 by changing the saturation by 10% instead.


 34, 104.514,
307.082


 34, 104.514,
307.082


 100, 104.514,
307.082


 24, 104.514,
307.082


 54, 104.514,
307.082

 14, 104.514,
307.082


 64, 104.514,
307.082

 4, 104.514,
307.082

 74, 104.514,
307.082

 0, 104.514,
307.082

 84, 104.514,
307.082

 94, 104.514,
307.082

■ 34, 104.514,
307.082

■ 34, 104.514,
307.082

■ 30, 112.605,
307.466

■ 39, 93.333,
306.247

■ 29, 116.331,
307.486

■ 45, 80.482,
305.172

■ 51, 67.019,
304.027

■ 58, 53.546,
302.916

■ 64, 40.360,
301.891

■ 71, 27.586,
300.974

■ 78, 15.264,
300.166

■ 85, 3.395, 299.458

Harmonies

Complementary

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



34, 104.514, 307.082



81, 82.986, 115.522

Rectangle

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



34, 104.514, 307.082



34, 104.514, 357.082



34, 104.514, 127.082



34, 104.514, 177.082

Sweetspot

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



34, 104.515, 307.083



81, 34.434, 301.175



67, 37.452, 236.290



40, 23.647, 301.497



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



34, 104.515, 307.083



34, 131.492, 307.420



45, 98.396, 319.156



42, 6.719, 299.910



22, 98.220, 307.601



2, 29.996, 300.616

Inverse Universe

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



51, 82.714, 338.275



57, 96.256, 340.568



77, 95.342, 133.052



43, 6.800, 332.301



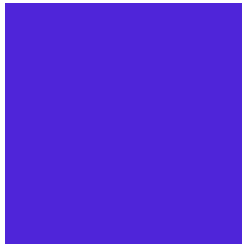
39, 72.381, 340.196



6, 29.324, 337.687

Previews

White Background



This preview shows how the CIELCh color 34, 104.514, 307.082 looks on a white background.

Color Contrast Check

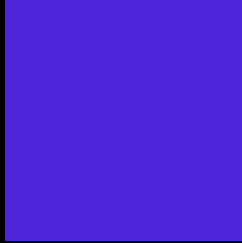
Large Text (above 18pt) WCAG AA ✓ Pass

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 34, 104.514, 307.082 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

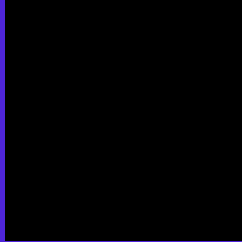
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 34, 104.514, 307.082

Background



This preview shows how black text looks on a background with the CIELCh color 34, 104.514, 307.082.



This preview shows how white text looks on a background with the CIELCh color 34, 104.514, 307.082.

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, 104.514, 307.082

Protanopia

34, 53.477, 285.931

Deuteranopia

34, 37.046, 271.835



Tritanopia
34, 22.524, 206.348

Trichromacy



Original Color
34, 104.514, 307.082

Protanomaly
32, 74.655, 297.385

Deuteranomaly
32, 63.392, 294.135

Tritanomaly
31, 44.168, 285.756

Monochromacy



Original Color
34, 104.514, 307.082

Achromatopsia
30, 0.005, 296.813

Achromatomaly
29, 41.957, 303.676

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 104.514, 307.082 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(79, 37, 217)` looks like.

```
.text, #text, p{  
    color:rgb(79, 37, 217)  
}
```

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(79, 37, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 37, 217) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 104.514, 307.082 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(79, 37, 217) }
```

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

```
.border{ border-color:rgb(79, 37, 217) }
```

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

Here you see how a box with a 4 pixel rgb(79, 37, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 37, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 37, 217);  
box-shadow:4px 4px 4px 4px rgb(79, 37,  
217) }
```

Background

The CSS property to change the background color of an element to CIELCh 34, 104.514, 307.082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 37, 217) }
```

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

```
.background{ background-color: rgb(79, 37,  
217) }
```

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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