

Converting Colors

CIELCh(34, 26.203, 308.770)

Have a look what the booklet for
CIELCh(34, 26.203, 308.770)
contains.

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Color

CIELCh(34, 26.092, 309.097)

Conversions

Conversions Part 1

Format	Color
Hex	5A4870
RGB	90, 72, 112
RGB Percent	35%, 28%, 44%
CMY	0.6465, 0.7171, 0.5602
CMYK	0.20, 0.36, 0.00, 0.56
HSL	267°, 22%, 36%
HSV	267°, 36%, 44%
XYZ	9.4915, 8.0082, 16.4204
YIQ	81.9420, -2.1120, 16.2560

Conversions

Conversions Part 2

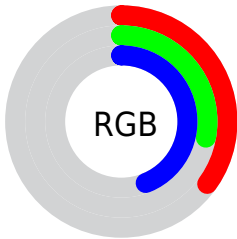
Format	Color
RYB	90, 72, 112
Decimal	5916784
CIELab	34.00, 16.45, -20.25
CIELCh	34, 26.092, 309.097
Yxy	8.0082, 0.2798, 0.2361
Android (android.graphics.Color)	4284106864 (0xFF5A4870)
YUV	81.9420, 14.8186, 7.0669
Hunter-Lab	28.2988, 10.3464, -14.5940

Details

The CIELCh color $[34, 26.092, 309.097]$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $[45, 24.732, 125.672]$, and the grayscale version is $[35, 0.005, 296.813]$.

A 20% lighter version of the original color is $[54, 25.964, 309.130]$, and $[14, 26.162, 309.013]$ is the 20% darker color. If you saturate the color by 10%, you get $[30, 33.741, 309.673]$, and if you desaturate by 10%, it is $[38, 18.545, 308.542]$.

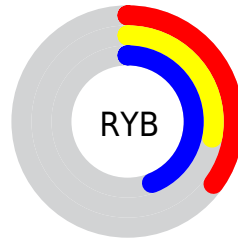
Distribution



Red (35%)

Green (28%)

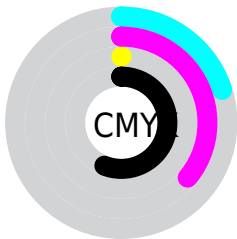
Blue (44%)



Red (35%)

Yellow (28%)

Blue (44%)

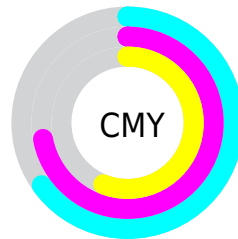


Cyan (20%)

Magenta (36%)

Yellow (0%)

Black (56%)



Cyan (65%)


Magenta (72%)


Yellow (56%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 34, 26.092, 309.097 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, 26.092, 309.097 by changing the saturation by 10% instead.


 34, 26.092,
309.097


 34, 26.092,
309.097

 100, 26.092,
309.097


 24, 26.092,
309.097

 54, 26.092,
309.097


 14, 26.092,
309.097


 64, 26.092,
309.097

 4, 26.092, 309.097

 74, 26.092,
309.097

 0, 26.092, 309.097

 84, 26.092,
309.097

 94, 26.092,
309.097

■ 34, 26.092,
309.097

■ 34, 26.092,
309.097

■ 30, 33.741,
309.673

■ 38, 18.545,
308.542

■ 27, 41.378,
310.243

■ 41, 11.167,
308.021

■ 24, 48.804,
310.760

■ 45, 3.986, 307.537

■ 20, 55.703,
311.157

■ 49, 2.984, 127.149

■ 53, 9.742, 126.752

■ 18, 61.629,
311.336

■ 56, 16.294,
126.412

■ 16, 66.340,
311.272

■ 60, 22.647,
126.114

■ 15, 68.476,
311.324

■ 64, 28.809,
125.854

■ 67, 34.792,
125.628

Harmonies

Complementary

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



34, 26.092, 309.097



45, 24.732, 125.672

Rectangle

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



34, 26.092, 309.097



34, 26.092, 359.097



34, 26.092, 129.097



34, 26.092, 179.097

Sweetspot

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



34, 26.091, 309.097



55, 9.633, 307.806



39, 13.335, 255.089



28, 6.533, 307.855



81, 0.010, 296.813



31, 0.005, 296.813

Same Dimension

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



34, 26.091, 309.097



41, 39.236, 309.583



36, 28.719, 324.811



21, 3.971, 307.696



16, 71.854, 311.243



38, 123.505, 310.621

Inverse Universe

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



36, 21.498, 344.083



44, 31.931, 344.992



44, 28.646, 140.840



22, 3.339, 341.684



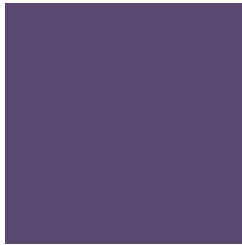
25, 49.337, 355.843



54, 83.591, 358.092

Previews

White Background



This preview shows how the CIE LCh color 34, 26.092, 309.097 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, 26.092, 309.097 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

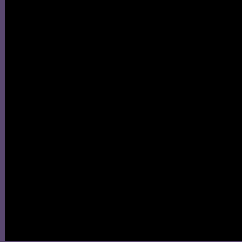
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 34, 26.092, 309.097

Background



This preview shows how black text looks on a background with the CIELCh color 34, 26.092, 309.097.

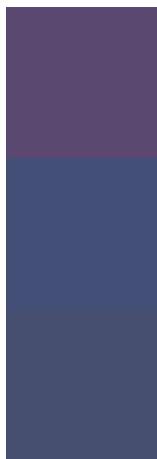


This preview shows how white text looks on a background with the CIELCh color 34, 26.092, 309.097.

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

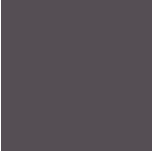
34, 26.092, 309.097

Protanopia

34, 24.593, 284.765

Deuteranopia

34, 20.200, 284.434



Tritanopia
34, 4.833, 329.025

Trichromacy



Original Color
34, 26.092, 309.097

Protanomaly
34, 24.452, 292.564

Deuteranomaly
34, 21.347, 293.716

Tritanomaly
34, 12.226, 313.606

Monochromacy



Original Color
34, 26.092, 309.097

Achromatopsia
35, 0.005, 296.813

Achromatomaly
34, 9.879, 308.601

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 26.092, 309.097 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(90, 72, 112)` looks like.

```
.text, #text, p{  
    color:rgb(90, 72, 112)  
}
```

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(90, 72, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 72, 112) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 26.092, 309.097 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(90, 72, 112) }
```

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

```
.border{ border-color:rgb(90, 72, 112) }
```

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

Here you see how a box with a 4 pixel rgb(90, 72, 112) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 72, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 72, 112);  
box-shadow:4px 4px 4px 4px rgb(90, 72,  
112) }
```

Background

The CSS property to change the background color of an element to CIELCh 34, 26.092, 309.097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 72, 112) }
```

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

```
.background{ background-color: rgb(90, 72,  
112) }
```

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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