

Converting Colors

CIELCh(35, 19.569, 319.936)

Have a look what the booklet for
CIELCh(35, 19.569, 319.936)
contains.

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Color

CIELCh(35, 19.608, 319.501)

Conversions

Conversions Part 1

Format	Color
Hex	614B67
RGB	97, 75, 103
RGB Percent	38%, 29%, 40%
CMY	0.6206, 0.7069, 0.5971
CMYK	0.06, 0.27, 0.00, 0.60
HSL	287°, 16%, 35%
HSV	287°, 27%, 40%
XYZ	9.8351, 8.4984, 13.8838
YIQ	84.7700, 4.1240, 13.3720

Conversions

Conversions Part 2

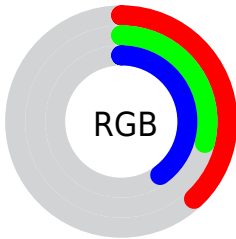
Format	Color
R_{YB}	97, 75, 103
Decimal	6376295
CIE _{Lab}	35.00, 14.91, -12.73
CIE _{LCh}	35, 19.608, 319.501
Yxy	8.4984, 0.3053, 0.2638
Android (android.graphics.Color)	4284566375 (0xFF614B67)
YUV	84.7700, 8.9874, 10.7257
Hunter-Lab	29.1520, 9.2050, -7.8307

Details

The CIELCh color **35, 19.608, 319.501** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **41, 19.357, 137.091**, and the grayscale version is **36, 0.005, 296.813**.

A 20% lighter version of the original color is **55, 19.544, 319.648**, and **15, 19.333, 319.240** is the 20% darker color. If you saturate the color by 10%, you get **32, 26.856, 319.907**, and if you desaturate by 10%, it is **38, 12.339, 319.080**.

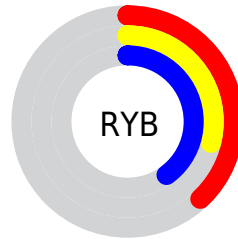
Distribution



 Red (38%)

 Green (29%)

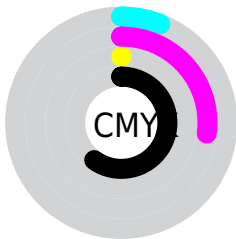
 Blue (40%)



 Red (38%)

 Yellow (29%)

 Blue (40%)

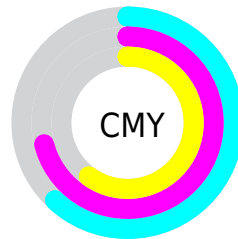


 Cyan (6%)

 Magenta (27%)

 Yellow (0%)

 Black (60%)



 Cyan (62%)


 Magenta (71%)


 Yellow (60%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 35, 19.608, 319.501 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, 19.608, 319.501 by changing the saturation by 10% instead.


 35, 19.608,
319.501


 35, 19.608,
319.501

 100, 19.608,
319.501


 25, 19.608,
319.501

 55, 19.608,
319.501


 15, 19.608,
319.501


 65, 19.608,
319.501

 5, 19.608, 319.501

 75, 19.608,
319.501

 0, 19.608, 319.501

 85, 19.608,
319.501

 95, 19.608,
319.501

35, 19.608,
319.501

35, 19.608,
319.501

32, 26.856,
319.907

38, 12.339,
319.080

29, 33.955,
320.280

41, 5.141, 318.651

27, 40.716,
320.595

44, 1.931, 138.338

48, 8.842, 137.901

24, 46.893,
320.819

51, 15.577,
137.532

22, 52.195,
320.915

54, 22.128,
137.191

21, 56.326,
320.841


57, 28.494,
136.876

19, 59.508,
320.642

60, 34.680,
136.587

19, 60.425,

320.602

 64, 40.691,
136.322

Harmonies

Complementary

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



35, 19.608, 319.501



41, 19.357, 137.091

Rectangle

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



35, 19.608, 319.501



35, 19.608, 9.501



35, 19.608, 139.501



35, 19.608, 189.501

Sweetspot

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



35, 19.607, 319.501



52, 7.010, 318.694



35, 13.834, 282.911



26, 4.946, 318.745



78, 0.009, 296.813



28, 0.004, 296.813

Same Dimension

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



35, 19.607, 319.501



43, 29.344, 319.774



35, 17.067, 335.403



19, 3.968, 318.725



22, 65.375, 320.512



49, 113.589, 320.078

Inverse Universe

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



35, 12.932, 4.896



43, 19.568, 5.786



41, 16.920, 151.646



19, 2.542, 2.869



23, 50.055, 25.742



51, 89.334, 29.379

Previews

White Background



This preview shows how the CIELCh color 35, 19.608, 319.501 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 35, 19.608, 319.501 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, 19.608, 319.501

Background



This preview shows how black text looks on a background with the CIELCh color 35, 19.608, 319.501.



This preview shows how white text looks on a background with the CIELCh color 35, 19.608, 319.501.

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, 19.608, 319.501

Protanopia

35, 16.292, 284.996

Deuteranopia

35, 13.113, 292.342



Tritanopia
35, 7.893, 352.461

Trichromacy



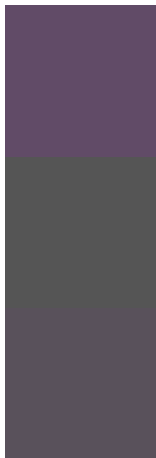
Original Color
35, 19.608, 319.501

Protanomaly
35, 17.033, 299.384

Deuteranomaly
35, 14.772, 304.830

Tritanomaly
35, 11.592, 332.435

Monochromacy



Original Color
35, 19.608, 319.501

Achromatopsia
36, 0.005, 296.813

Achromatomaly
36, 7.108, 319.242

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 19.608, 319.501 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(97, 75, 103)` looks like.

```
.text, #text, p{  
    color:rgb(97, 75, 103)  
}
```

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(97, 75, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 75, 103) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 19.608, 319.501 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(97, 75, 103) }
```

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

```
.border{ border-color:rgb(97, 75, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 75, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 75, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 75, 103);  
box-shadow:4px 4px 4px 4px rgb(97, 75,  
103) }
```

Background

The CSS property to change the background color of an element to CIELCh 35, 19.608, 319.501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 75, 103) }
```

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

```
.background{ background-color: rgb(97, 75,  
103) }
```

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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