

Converting Colors

CIELCh(34, 19.042, 339.336)

Have a look what the booklet for
CIELCh(34, 19.042, 339.336)
contains.

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Color

CIELCh(34, 19.042, 339.336)

Conversions

Conversions Part 1

Format	Color
Hex	67465B
RGB	103, 70, 91
RGB Percent	40%, 27%, 36%
CMY	0.5963, 0.7257, 0.6434
CMYK	0.00, 0.32, 0.12, 0.60
HSL	322°, 19%, 34%
HSV	322°, 32%, 40%
XYZ	9.6597, 8.0082, 10.9217
YIQ	82.2610, 12.9270, 13.5270

Conversions

Conversions Part 2

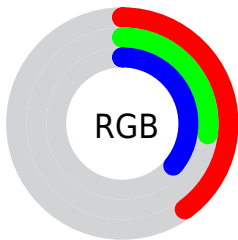
Format	Color
RYB	103, 70, 91
Decimal	6768219
CIELab	34.00, 17.82, -6.72
CIELCh	34, 19.042, 339.336
Yxy	8.0082, 0.3379, 0.2801
Android (android.graphics.Color)	4284958299 (0xFF67465B)
YUV	82.2610, 4.3083, 18.1881
Hunter-Lab	28.2988, 11.4075, -3.0733

Details

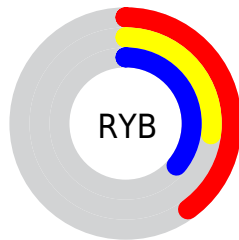
The CIELCh color $[34, 19.042, 339.336]$ is a dark color, and the websafe version is hex 663333 . A complement of this color would be $[41, 18.723, 154.432]$, and the grayscale version is $[35, 0.005, 296.813]$.

A 20% lighter version of the original color is $[54, 18.951, 339.891]$, and $[14, 18.633, 339.822]$ is the 20% darker color. If you saturate the color by 10%, you get $[31, 24.877, 340.214]$, and if you desaturate by 10%, it is $[37, 13.074, 338.531]$.

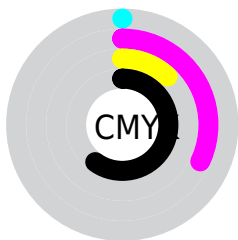
Distribution



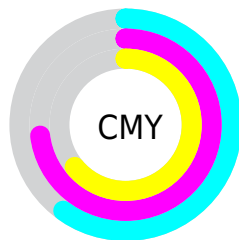
- Red (40%)
- Green (27%)
- Blue (36%)



- Red (40%)
- Yellow (27%)
- Blue (36%)



- Cyan (0%)
- Magenta (32%)
- Yellow (12%)
- Black (60%)





- Cyan (60%)
- Magenta (73%)
- Yellow (64%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 34, 19.042, 339.336 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, 19.042, 339.336 by changing the saturation by 10% instead.


 34, 19.042,
339.336


 34, 19.042,
339.336

 100, 19.042,
339.336


 24, 19.042,
339.336

 54, 19.042,
339.336


 14, 19.042,
339.336


 64, 19.042,
339.336

 4, 19.042, 339.336

 74, 19.042,
339.336

 0, 19.042, 339.336

 84, 19.042,
339.336

 94, 19.042,
339.336

■ 34, 19.042,
339.336

■ 34, 19.042,
339.336

■ 31, 24.877,
340.214

■ 37, 13.074,
338.531

■ 29, 30.411,
341.182

■ 40, 7.100, 337.775

■ 43, 1.200, 336.932

■ 26, 35.420,
342.274

■ 46, 4.576, 156.519

■ 25, 39.646,
343.533

■ 49, 10.201,
155.887

■ 23, 42.833,
345.022

■ 52, 15.662,
155.311

■ 22, 44.817,
346.814

■ 56, 20.956,
154.773

■ 21, 46.163,
348.282

■ 59, 26.085,
154.269

■ 62, 31.058,
153.794

Harmonies

Complementary

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



34, 19.042, 339.336



41, 18.723, 154.432

Rectangle

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



34, 19.042, 339.336



34, 19.042, 29.336



34, 19.042, 159.336



34, 19.042, 209.336

Sweetspot

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



34, 19.040, 339.337



52, 7.244, 337.644



32, 21.471, 305.527



26, 4.906, 337.716



78, 0.009, 296.813



28, 0.004, 296.813

Same Dimension

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



34, 19.040, 339.337



42, 27.734, 339.942



33, 15.214, 10.402



20, 3.275, 337.542



24, 49.736, 348.625



53, 85.283, 350.349

Inverse Universe

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



34, 19.040, 339.337



42, 27.734, 339.942



41, 13.158, 184.538



20, 3.275, 337.542



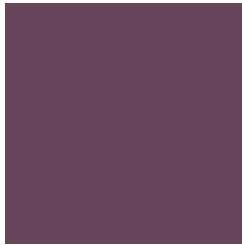
24, 49.736, 348.625



53, 85.283, 350.349

Previews

White Background



This preview shows how the CIE LCh color 34, 19.042, 339.336 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, 19.042, 339.336 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

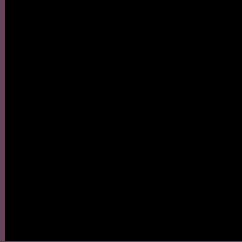
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 34, 19.042, 339.336

Background



This preview shows how black text looks on a background with the CIELCh color 34, 19.042, 339.336.



This preview shows how white text looks on a background with the CIELCh color 34, 19.042, 339.336.

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, 19.042, 339.336

Protanopia

34, 10.728, 283.584

Deuteranopia

34, 7.378, 311.125



Tritanopia
34, 13.454, 5.634

Trichromacy



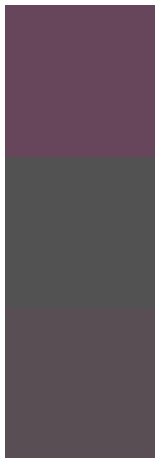
Original Color
34, 19.042, 339.336

Protanomaly
34, 12.671, 310.820

Deuteranomaly
34, 11.597, 327.070

Tritanomaly
34, 15.416, 353.157

Monochromacy



Original Color
34, 19.042, 339.336

Achromatopsia
35, 0.005, 296.813

Achromatomaly
35, 6.781, 340.345

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 19.042, 339.336 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(103, 70, 91)` looks like.

```
.text, #text, p{  
    color:rgb(103, 70, 91)  
}
```

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(103, 70, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 70, 91) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 19.042, 339.336 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(103, 70, 91) }
```

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

```
.border{ border-color:rgb(103, 70, 91) }
```

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

Here you see how a box with a 4 pixel rgb(103, 70, 91) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 70, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 70, 91);  
box-shadow:4px 4px 4px 4px rgb(103, 70,  
91) }
```

Background

The CSS property to change the background color of an element to CIELCh 34, 19.042, 339.336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 70, 91) }
```

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

```
.background{ background-color: rgb(103, 70,  
91) }
```

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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