

Converting Colors

CIELCh(34, 14.755, 333.834)

Have a look what the booklet for
CIELCh(34, 14.755, 333.834)
contains.

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Color

CIELCh(34, 14.411, 334.248)

Conversions

Conversions Part 1

Format	Color
Hex	60495A
RGB	96, 73, 90
RGB Percent	38%, 29%, 35%
CMY	0.6232, 0.7134, 0.6467
CMYK	0.00, 0.24, 0.06, 0.62
HSL	316°, 14%, 33%
HSV	316°, 24%, 38%
XYZ	9.0713, 8.0082, 10.7608
YIQ	81.8150, 8.2510, 10.1630

Conversions

Conversions Part 2

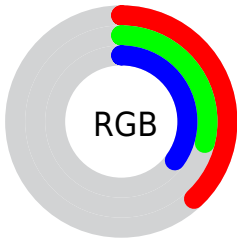
Format	Color
R_{YB}	96, 73, 90
Decimal	6310234
CIE Lab	34.00, 12.98, -6.26
CIE LCh	34, 14.411, 334.248
Yxy	8.0082, 0.3258, 0.2876
Android (android.graphics.Color)	4284500314 (0xFF60495A)
YUV	81.8150, 4.0352, 12.4402
Hunter-Lab	28.2988, 7.6961, -2.7363

Details

The CIELCh color $[34, 14.411, 334.248]$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $[38, 14.313, 151.102]$, and the grayscale version is $[35, 0.005, 296.813]$.

A 20% lighter version of the original color is $[54, 14.291, 334.600]$, and $[14, 14.089, 334.665]$ is the 20% darker color. If you saturate the color by 10%, you get $[31, 20.417, 334.938]$, and if you desaturate by 10%, it is $[37, 8.356, 333.588]$.

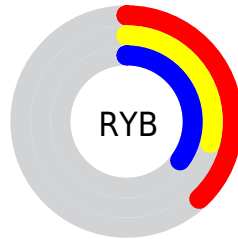
Distribution



Red (38%)

Green (29%)

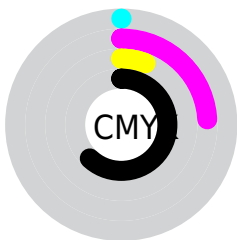
Blue (35%)



Red (38%)

Yellow (29%)

Blue (35%)

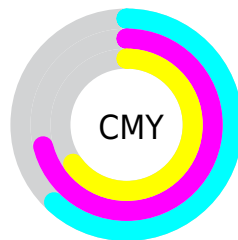


Cyan (0%)

Magenta (24%)

Yellow (6%)

Black (62%)



Cyan (62%)

Magenta (71%)

Yellow (65%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 34, 14.411, 334.248 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, 14.411, 334.248 by changing the saturation by 10% instead.


 34, 14.411,
334.248

 34, 14.411,
334.248


 100, 14.411,
334.248


 24, 14.411,
334.248

 54, 14.411,
334.248

 14, 14.411,
334.248


 64, 14.411,
334.248

 4, 14.411, 334.248

 74, 14.411,
334.248

 0, 14.411, 334.248

 84, 14.411,
334.248

 94, 14.411,
334.248

34, 14.411,
334.248

34, 14.411,
334.248

31, 20.417,
334.938

37, 8.356, 333.588

29, 26.248,
335.663

40, 2.346, 332.908

27, 31.728,
336.432

43, 3.563, 152.454

24, 36.635,
337.260

48, 14.954,
151.319

23, 40.724,
338.168

51, 20.411,
150.810

21, 43.761,
339.188

54, 25.707,
150.330

20, 45.725,
340.339

57, 30.847,
149.877

20, 46.879,

60, 35.837,

341.022

149.448

Harmonies

Complementary

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



34, 14.411, 334.248



38, 14.313, 151.102

Rectangle

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



34, 14.411, 334.248



34, 14.411, 24.248



34, 14.411, 154.248



34, 14.411, 204.248

Sweetspot

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



34, 14.410, 334.249



50, 5.186, 333.145



32, 14.795, 301.494



25, 3.397, 333.166



77, 0.009, 296.813



27, 0.004, 296.813

Same Dimension

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



34, 14.410, 334.249



42, 21.673, 334.654



34, 10.799, 1.836



18, 3.375, 333.257



24, 52.121, 341.327



54, 90.133, 342.396

Inverse Universe

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



34, 14.410, 334.249



42, 21.673, 334.654



39, 9.998, 177.431



18, 3.375, 333.257



24, 52.121, 341.327



54, 90.133, 342.396

Previews

White Background



This preview shows how the CIE LCh color 34, 14.411, 334.248 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, 14.411, 334.248 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

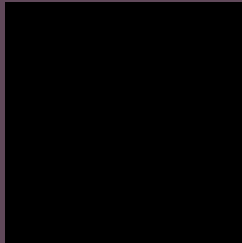
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 34, 14.411, 334.248

Background



This preview shows how black text looks on a background with the CIELCh color 34, 14.411, 334.248.



This preview shows how white text looks on a background with the CIELCh color 34, 14.411, 334.248.

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, 14.411, 334.248

Protanopia

34, 9.434, 286.937

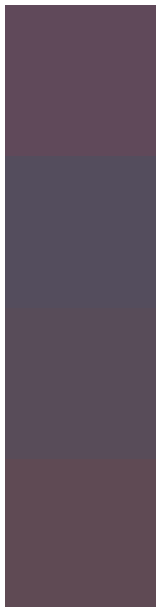
Deuteranopia

34, 7.378, 311.125



Tritanopia
34, 9.547, 357.930

Trichromacy



Original Color
34, 14.411, 334.248

Protanomaly
34, 10.499, 307.643

Deuteranomaly
34, 9.633, 323.016

Tritanomaly
34, 11.037, 346.794

Monochromacy



Original Color
34, 14.411, 334.248

Achromatopsia
35, 0.005, 296.813

Achromatomaly
35, 5.102, 332.852

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 14.411, 334.248 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(96, 73, 90)` looks like.

```
.text, #text, p{  
    color:rgb(96, 73, 90)  
}
```

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(96, 73, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 73, 90) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 14.411, 334.248 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(96, 73, 90) }
```

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

```
.border{ border-color:rgb(96, 73, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 73, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 73, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 73, 90);  
box-shadow:4px 4px 4px 4px rgb(96, 73, 90)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 34, 14.411, 334.248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 73, 90) }
```

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

```
.background{ background-color: rgb(96, 73,  
90) }
```

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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