

Converting Colors

CIELCh(34, 48.697, 334.417)

Have a look what the booklet for
CIELCh(34, 48.697, 334.417)
contains.

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Color

CIELCh(34, 48.710, 334.411)

Conversions

Conversions Part 1

Format	Color
Hex	822F72
RGB	130, 47, 114
RGB Percent	51%, 18%, 45%
CMY	0.4899, 0.8154, 0.5526
CMYK	0.00, 0.64, 0.12, 0.49
HSL	312°, 47%, 35%
HSV	312°, 64%, 51%
XYZ	13.2797, 8.0082, 16.7883
YIQ	79.4550, 27.9610, 38.4330

Conversions

Conversions Part 2

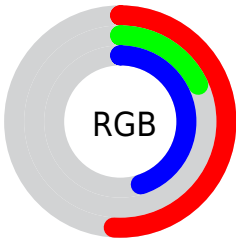
Format	Color
R_{YB}	130, 47, 114
Decimal	8531826
CIE _{Lab}	34.00, 43.93, -21.04
CIE _{LCh}	34, 48.710, 334.411
Yxy	8.0082, 0.3488, 0.2103
Android (android.graphics.Color)	4286721906 (0xFF822F72)
YUV	79.4550, 17.0307, 44.3280
Hunter-Lab	28.2988, 34.2411, -15.3646

Details

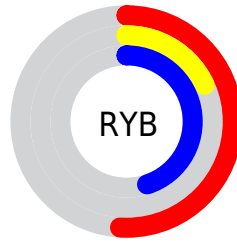
The CIELCh color $[34, 48.710, 334.411]$ is a dark color, and the websafe version is hex 663366 . A complement of this color would be $[48, 49.442, 144.282]$, and the grayscale version is $[34, 0.005, 296.813]$.

A 20% lighter version of the original color is $[54, 48.422, 334.413]$, and $[16, 43.898, 334.736]$ is the 20% darker color. If you saturate the color by 10%, you get $[32, 53.903, 335.153]$, and if you desaturate by 10%, it is $[36, 42.325, 333.705]$.

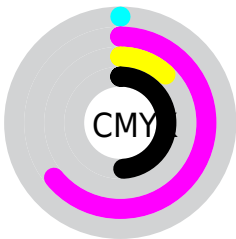
Distribution



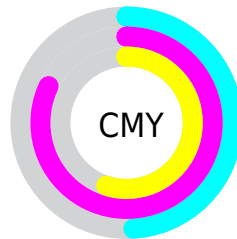
- Red (51%)
- Green (18%)
- Blue (45%)



- Red (51%)
- Yellow (18%)
- Blue (45%)



- Cyan (0%)
- Magenta (64%)
- Yellow (12%)
- Black (49%)





- Cyan (49%)
- Magenta (82%)
- Yellow (55%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 34, 48.710, 334.411 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, 48.710, 334.411 by changing the saturation by 10% instead.


 34, 48.710,
334.411


 34, 48.710,
334.411

 100, 48.710,
334.411


 24, 48.710,
334.411

 54, 48.710,
334.411


 14, 48.710,
334.411


 64, 48.710,
334.411

 4, 48.710, 334.411

 74, 48.710,
334.411

 0, 48.710, 334.411

 84, 48.710,
334.411

 94, 48.710,
334.411

34, 48.710,
334.411

34, 48.710,
334.411

32, 53.903,
335.153

36, 42.325,
333.705

30, 57.610,
335.950

39, 35.093,
333.024

29, 59.682,
336.832

42, 27.325,
332.361

29, 60.632,
337.392

46, 19.279,
331.716

49, 11.144,
331.085

53, 3.053, 330.430

57, 4.906, 149.972

60, 12.681,
149.391

■ 64, 20.246,
148.857

Harmonies

Complementary

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



34, 48.710, 334.411



48, 49.442, 144.282

Rectangle

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



34, 48.710, 334.411



34, 48.710, 24.411



34, 48.710, 154.411



34, 48.710, 204.411

Sweetspot

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



34, 48.708, 334.411



60, 18.976, 331.438



26, 53.759, 303.793



30, 13.007, 331.591



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



34, 48.708, 334.411



41, 67.514, 335.538



32, 38.306, 4.110



26, 4.612, 330.791



29, 60.622, 337.391



0, 1.098, 330.276

Inverse Universe

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



34, 48.708, 334.411



41, 67.514, 335.538



49, 32.460, 167.715



26, 4.612, 330.791



29, 60.622, 337.391



0, 1.098, 330.276

Previews

White Background



This preview shows how the CIELCh color 34, 48.710, 334.411 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, 48.710, 334.411 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

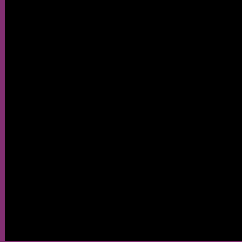
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 34, 48.710, 334.411

Background



This preview shows how black text looks on a background with the CIELCh color 34, 48.710, 334.411.



This preview shows how white text looks on a background with the CIELCh color 34, 48.710, 334.411.

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, 48.710, 334.411

Protanopia

35, 38.924, 285.871

Deuteranopia

35, 18.241, 285.174



Tritanopia
34, 29.984, 20.403

Trichromacy



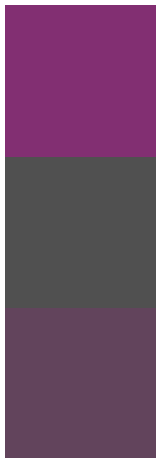
Original Color
34, 48.710, 334.411

Protanomaly
33, 40.618, 302.929

Deuteranomaly
33, 28.804, 314.267

Tritanomaly
34, 33.823, 357.627

Monochromacy



Original Color
34, 48.710, 334.411

Achromatopsia
34, 0.005, 296.813

Achromatomaly
33, 19.538, 332.355

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 48.710, 334.411 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(130, 47, 114)` looks like.

```
.text, #text, p{  
    color:rgb(130, 47, 114)  
}
```

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(130, 47, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 47, 114) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 48.710, 334.411 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(130, 47, 114) }
```

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

```
.border{ border-color:rgb(130, 47, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 47, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(130, 47, 114); -webkit-box-shadow:4px 4px 4px 4px rgb(130, 47, 114); box-shadow:4px 4px 4px 4px rgb(130, 47, 114) }
```

Background

The CSS property to change the background color of an element to CIELCh 34, 48.710, 334.411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 47, 114) }
```

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

```
.background{ background-color: rgb(130, 47,  
114) }
```

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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