

Converting Colors

CIELCh(34, 50.867, 326.311)

Have a look what the booklet for
CIELCh(34, 50.867, 326.311)
contains.

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Color

CIELCh(34, 50.933, 326.528)

Conversions

Conversions Part 1

Format	Color
Hex	7B327D
RGB	123, 50, 125
RGB Percent	48%, 20%, 49%
CMY	0.5169, 0.8032, 0.5091
CMYK	0.02, 0.60, 0.00, 0.51
HSL	298°, 43%, 34%
HSV	298°, 60%, 49%
XYZ	13.0588, 8.0082, 20.3229
YIQ	80.3770, 19.4330, 38.8010

Conversions

Conversions Part 2

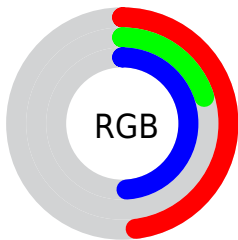
Format	Color
R_{YB}	123, 50, 125
Decimal	8073853
CIE _{Lab}	34.00, 42.49, -28.09
CIE _{LCh}	34, 50.933, 326.528
Yxy	8.0082, 0.3155, 0.1935
Android (android.graphics.Color)	4286263933 (0xFF7B327D)
YUV	80.3770, 21.9991, 37.3804
Hunter-Lab	28.2988, 32.8481, -22.7702

Details

The CIELCh color $34, 50.933, 326.528$ is a dark color, and the websafe version is hex 660066 . A complement of this color would be $47, 51.257, 139.046$, and the grayscale version is $34, 0.005, 296.813$.

A 20% lighter version of the original color is $54, 50.938, 326.707$, and $15, 48.298, 325.894$ is the 20% darker color. If you saturate the color by 10%, you get $32, 57.348, 326.834$, and if you desaturate by 10%, it is $36, 43.453, 326.148$.

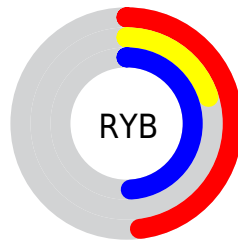
Distribution



Red (48%)

Green (20%)

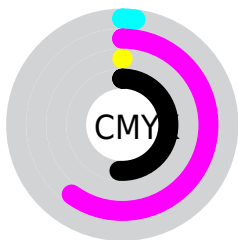
Blue (49%)



Red (48%)

Yellow (20%)

Blue (49%)

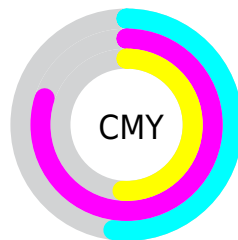


Cyan (2%)

Magenta (60%)

Yellow (0%)

Black (51%)



Cyan (52%)


Magenta (80%)


Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 34, 50.933, 326.528 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, 50.933, 326.528 by changing the saturation by 10% instead.


 34, 50.933,
326.528

 34, 50.933,
326.528

 100, 50.933,
326.528

 24, 50.933,
326.528

 54, 50.933,
326.528

 14, 50.933,
326.528


 64, 50.933,
326.528

 4, 50.933, 326.528

 74, 50.933,
326.528

 0, 50.933, 326.528

 84, 50.933,
326.528

 94, 50.933,
326.528

■ 34, 50.933,
326.528

■ 34, 50.933,
326.528

■ 32, 57.348,
326.834

■ 36, 43.453,
326.148

■ 30, 62.400,
327.050

■ 39, 35.236,
325.712

■ 29, 65.881,
327.167

■ 42, 26.570,
325.235

■ 28, 68.283,
327.219

■ 46, 17.689,
324.734

■ 28, 68.305,
327.219

■ 49, 8.766, 324.216

■ 53, 0.075, 146.116

■ 56, 8.755, 143.255

■ 60, 17.226,
142.765

■ 63, 25.460,
142.302

Harmonies

Complementary

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



34, 50.933, 326.528



47, 51.257, 139.046

Rectangle

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



34, 50.933, 326.528



34, 50.933, 16.528



34, 50.933, 146.528



34, 50.933, 196.528

Sweetspot

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



34, 50.931, 326.528



59, 19.859, 324.658



26, 47.133, 297.901



29, 13.738, 324.783



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



34, 50.931, 326.528



41, 72.120, 326.928



33, 37.981, 348.123



25, 5.060, 324.174



29, 69.211, 327.217



0, 0.000, 0.000

Inverse Universe

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



32, 36.147, 24.984



38, 54.945, 28.965



47, 36.402, 155.618



25, 2.951, 17.719



25, 60.316, 37.298



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 34, 50.933, 326.528 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 34, 50.933, 326.528 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

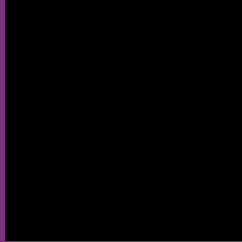
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 34, 50.933, 326.528

Background



This preview shows how black text looks on a background with the CIELCh color 34, 50.933, 326.528.



This preview shows how white text looks on a background with the CIELCh color 34, 50.933, 326.528.

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, 50.933, 326.528

Protanopia

34, 45.785, 286.634

Deuteranopia

34, 25.384, 281.643



Tritanopia
34, 23.673, 17.714

Trichromacy



Original Color
34, 50.933, 326.528

Protanomaly
33, 46.504, 298.938

Deuteranomaly
33, 33.914, 304.886

Tritanomaly
34, 30.354, 348.109

Monochromacy



Original Color
34, 50.933, 326.528

Achromatopsia
34, 0.005, 296.813

Achromatomaly
33, 20.002, 324.794

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 50.933, 326.528 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(123, 50, 125)` looks like.

```
.text, #text, p{  
    color:rgb(123, 50, 125)  
}
```

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(123, 50, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 50, 125) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 50.933, 326.528 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(123, 50, 125) }
```

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

```
.border{ border-color:rgb(123, 50, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 50, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 50, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 50, 125);  
box-shadow:4px 4px 4px 4px rgb(123, 50,  
125) }
```

Background

The CSS property to change the background color of an element to CIELCh 34, 50.933, 326.528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 50, 125) }
```

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

```
.background{ background-color: rgb(123, 50,  
125) }
```

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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