

Converting Colors

CIELCh(54, 33.869, 326.551)

Have a look what the booklet for
CIELCh(54, 33.869, 326.551)
contains.

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Color

CIELCh(54, 34.257, 326.646)

Conversions

Conversions Part 1

Format	Color
Hex	A370A2
RGB	163, 112, 162
RGB Percent	64%, 44%, 64%
CMY	0.3609, 0.5609, 0.3648
CMYK	0.00, 0.31, 0.01, 0.36
HSL	301°, 22%, 54%
HSV	301°, 31%, 64%
XYZ	27.4098, 21.9746, 36.9676
YIQ	132.9490, 14.3460, 26.3620

Conversions

Conversions Part 2

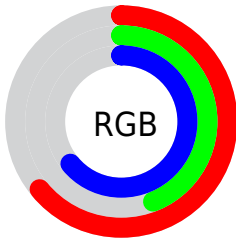
Format	Color
RYB	163, 112, 162
Decimal	10711202
CIELab	54.00, 28.61, -18.83
CIElCh	54, 34.257, 326.646
Yxy	21.9746, 0.3174, 0.2545
Android (android.graphics.Color)	4288901282 (0xFFA370A2)
YUV	132.9490, 14.3221, 26.3547
Hunter-Lab	46.8770, 22.3374, -13.9427

Details

The CIELCh color $54, 34.257, 326.646$ is a light color, and the websafe version is hex 996699 . A complement of this color would be $62, 34.262, 142.795$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 34.637, 326.819$, and $34, 34.047, 326.593$ is the 20% darker color. If you saturate the color by 10%, you get $50, 44.805, 327.157$, and if you desaturate by 10%, it is $58, 23.352, 326.111$.

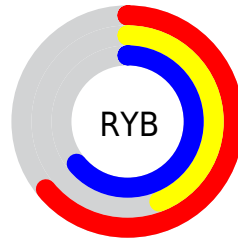
Distribution



Red (64%)

Green (44%)

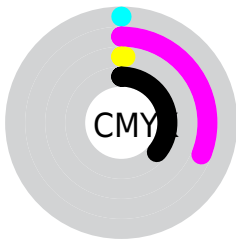
Blue (64%)



Red (64%)

Yellow (44%)

Blue (64%)

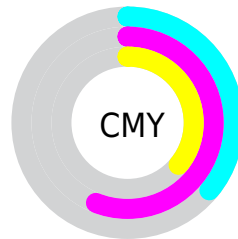


Cyan (0%)

Magenta (31%)

Yellow (1%)

Black (36%)



Cyan (36%)

Magenta (56%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 34.257, 326.646 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 54, 34.257, 326.646 by changing the saturation by 10% instead.


 54, 34.257,
326.646

 54, 34.257,
326.646


 100, 34.257,
326.646


 44, 34.257,
326.646


 74, 34.257,
326.646

 34, 34.257,
326.646

 84, 34.257,
326.646

 24, 34.257,
326.646

 94, 34.257,
326.646

 14, 34.257,
326.646

 4, 34.257, 326.646

 0, 34.257, 326.646

54, 34.257,
326.646

54, 34.257,
326.646

50, 44.805,
327.157

58, 23.352,
326.111

47, 54.674,
327.630

62, 12.344,
325.560

44, 63.469,
328.050

66, 1.407, 324.877

42, 70.776,
328.404

71, 9.343, 144.530

40, 76.240,
328.684

75, 19.835,
144.002

39, 79.674,
328.886

80, 30.029,
143.504

38, 81.429,
329.018

84, 39.910,
143.032

89, 49.475,
142.587

■ 93, 56.651,
142.281

Harmonies

Complementary

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



54, 34.257, 326.646



62, 34.262, 142.795

Rectangle

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



54, 34.257, 326.646



54, 34.257, 16.646



54, 34.257, 146.646



54, 34.257, 196.646

Sweetspot

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



54, 34.255, 326.646



80, 12.159, 325.440



49, 29.981, 294.522



42, 8.523, 325.519



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



54, 34.255, 326.646



66, 51.166, 327.028



53, 24.593, 347.486



32, 6.185, 325.446



34, 74.886, 329.011



2, 9.533, 325.142

Inverse Universe

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



54, 34.255, 326.646



66, 51.166, 327.028



63, 23.603, 161.666



32, 6.185, 325.446



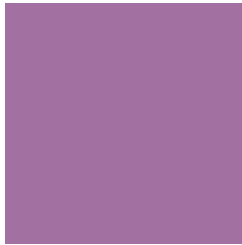
34, 74.886, 329.011



2, 9.533, 325.142

Previews

White Background



This preview shows how the CIELCh color 54, 34.257, 326.646 looks on a white background.

Color Contrast Check

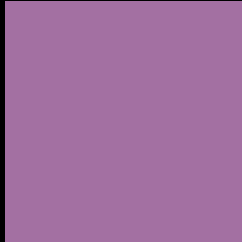
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIELCh color 54, 34.257, 326.646 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

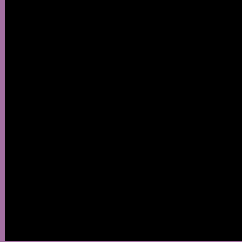
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 34.257, 326.646

Background



This preview shows how black text looks on a background with the CIELCh color 54, 34.257, 326.646.

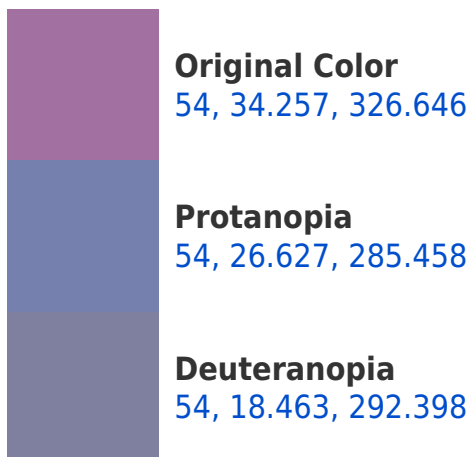


This preview shows how white text looks on a background with the CIELCh color 54, 34.257, 326.646.

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





Tritanopia
54, 16.707, 3.492

Trichromacy



Original Color
54, 34.257, 326.646

Protanomaly
54, 28.143, 301.966

Deuteranomaly
54, 23.005, 309.283

Tritanomaly
54, 22.089, 343.612

Monochromacy



Original Color
54, 34.257, 326.646

Achromatopsia
56, 0.007, 296.813

Achromatomaly
55, 13.224, 325.128

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 34.257, 326.646 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(163, 112, 162)` looks like.

```
.text, #text, p{  
    color:rgb(163, 112, 162)  
}
```

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(163, 112, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 112, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 34.257, 326.646 is called "border". The border property can be set on classes, ids or directly on the HTML element.

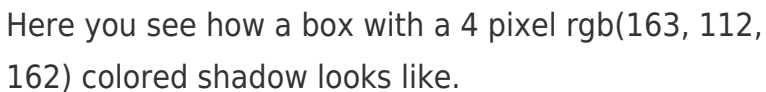
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(163, 112, 162) }
```

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

```
.border{ border-color:rgb(163, 112, 162) }
```

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



Here you see how a box with a 4 pixel `rgb(163, 112, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(163, 112, 162); -webkit-box-shadow:4px 4px 4px 4px rgb(163, 112, 162); box-shadow:4px 4px 4px 4px rgb(163, 112, 162) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 34.257, 326.646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 112, 162) }
```

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

```
.background{ background-color: rgb(163,  
112, 162) }
```

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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