

Converting Colors

CIELCh(54, 75.672, 324.728)

Have a look what the booklet for
CIELCh(54, 75.672, 324.728)
contains.

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Color

CIELCh(54, 75.626, 324.682)

Conversions

Conversions Part 1

Format	Color
Hex	C352CE
RGB	195, 82, 206
RGB Percent	76%, 32%, 81%
CMY	0.2367, 0.6798, 0.1935
CMYK	0.05, 0.60, 0.00, 0.19
HSL	295°, 56%, 56%
HSV	295°, 60%, 81%
XYZ	36.5003, 21.9746, 60.4861
YIQ	129.9230, 27.5440, 62.5200

Conversions

Conversions Part 2

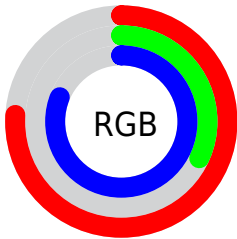
Format	Color
R _{YB}	195, 82, 206
Decimal	12800718
CIE _{Lab}	54.00, 61.71, -43.72
CIE _{LCh}	54, 75.626, 324.682
Y _{xy}	21.9746, 0.3068, 0.1847
Android (android.graphics.Color)	4290990798 (0xFFC352CE)
YUV	129.9230, 37.5060, 57.0725
Hunter-Lab	46.8770, 56.9524, -43.6888

Details

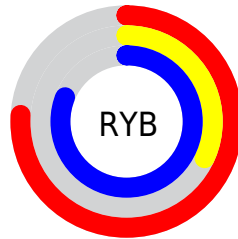
The CIELCh color **54, 75.626, 324.682** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted magenta. A complement of this color would be **74, 75.602, 137.609**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 71.780, 326.622**, and **34, 75.536, 324.671** is the 20% darker color. If you saturate the color by 10%, you get **51, 84.903, 324.904**, and if you desaturate by 10%, it is **58, 64.647, 324.356**.

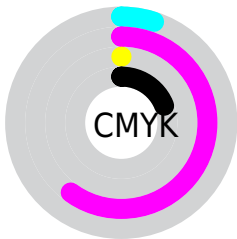
Distribution



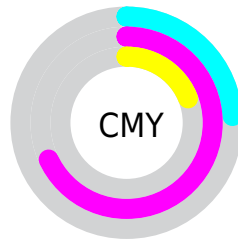
- Red (76%)
- Green (32%)
- Blue (81%)



- Red (76%)
- Yellow (32%)
- Blue (81%)



- Cyan (5%)
- Magenta (60%)
- Yellow (0%)
- Black (19%)



- Cyan (24%)
- Magenta (68%)
- Yellow (19%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 75.626, 324.682 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, 75.626, 324.682 by changing the saturation by 10% instead.


 54, 75.626,
324.682


 54, 75.626,
324.682


 100, 75.626,
324.682

 44, 75.626,
324.682

 74, 75.626,
324.682

 34, 75.626,
324.682

 84, 75.626,
324.682

 24, 75.626,
324.682

 94, 75.626,
324.682

 14, 75.626,
324.682

 4, 75.626, 324.682

 0, 75.626, 324.682

54, 75.626,
324.682

54, 75.626,
324.682

51, 84.903,
324.904

58, 64.647,
324.356

48, 91.976,
324.995

62, 52.512,
323.953

47, 96.522,
324.938

67, 39.696,
323.499

46, 98.835,
324.756


72, 26.571,
323.015

77, 13.408,
322.515

82, 0.389, 321.420

88, 12.374,
141.586

93, 24.812,
141.119

 96, 29.838,
140.364

Harmonies

Complementary

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



54, 75.626, 324.682



74, 75.602, 137.609

Rectangle

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



54, 75.626, 324.682



54, 75.626, 14.682



54, 75.626, 144.682



54, 75.626, 194.682

Sweetspot

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



54, 75.624, 324.682



89, 28.041, 322.913



45, 66.182, 295.988



46, 19.506, 323.059



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



54, 75.624, 324.682



62, 102.286, 324.941



53, 58.953, 344.560



40, 7.336, 322.468



37, 84.182, 324.807



4, 28.146, 324.056

Inverse Universe

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



52, 53.621, 21.229



59, 76.647, 25.392



74, 57.825, 152.131



40, 4.392, 12.754



34, 71.998, 36.041



4, 17.981, 15.036

Previews

White Background



This preview shows how the CIELCh color 54, 75.626, 324.682 looks on a white background.

Color Contrast Check

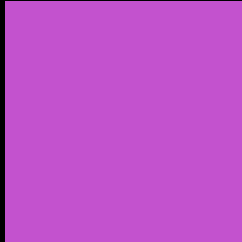
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 54, 75.626, 324.682 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

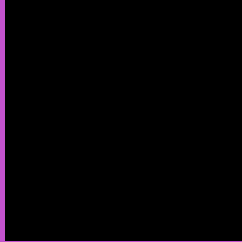
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 75.626, 324.682

Background



This preview shows how black text looks on a background with the CIELCh color 54, 75.626, 324.682.

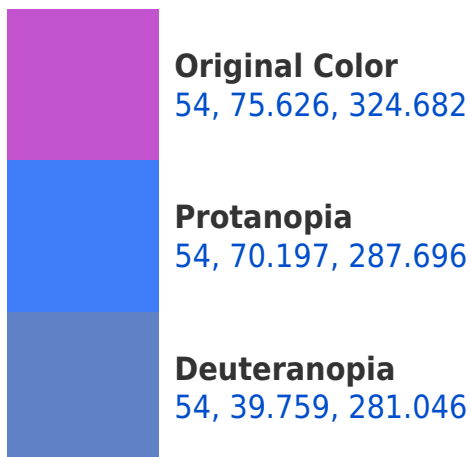


This preview shows how white text looks on a background with the CIELCh color 54, 75.626, 324.682.

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, 32.397, 15.613

Trichromacy



Original Color
54, 75.626, 324.682



Protanomaly
52, 70.985, 298.355



Deuteranomaly
53, 51.414, 302.820



Tritanomaly
53, 43.444, 344.991

Monochromacy



Original Color
54, 75.626, 324.682



Achromatopsia
54, 0.007, 296.813



Achromatomaly
53, 30.802, 323.472

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 75.626, 324.682 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(195, 82, 206)` looks like.

```
.text, #text, p{  
    color:rgb(195, 82, 206)  
}
```

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(195, 82, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 82, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 75.626, 324.682 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(195, 82, 206) }
```

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

```
.border{ border-color:rgb(195, 82, 206) }
```

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

Here you see how a box with a 4 pixel rgb(195, 82, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 82, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 82, 206);  
box-shadow:4px 4px 4px 4px rgb(195, 82,  
206) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 75.626, 324.682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 82, 206) }
```

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

```
.background{ background-color: rgb(195, 82,  
206) }
```

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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