

Converting Colors

CIELCh(55, 74.375, 331.373)

Have a look what the booklet for
CIELCh(55, 74.375, 331.373)
contains.

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Color

CIELCh(55, 74.375, 331.373)

Conversions

Conversions Part 1

Format	Color
Hex	D24EC3
RGB	210, 78, 195
RGB Percent	82%, 31%, 76%
CMY	0.1784, 0.6960, 0.2371
CMYK	0.00, 0.63, 0.07, 0.18
HSL	307°, 59%, 56%
HSV	307°, 63%, 82%
XYZ	38.9283, 22.9298, 53.7318
YIQ	130.8060, 41.1150, 64.3710

Conversions

Conversions Part 2

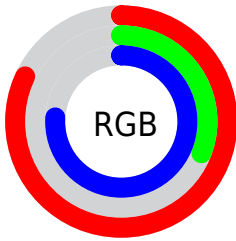
Format	Color
RYB	210, 78, 195
Decimal	13782723
CIELab	55.00, 65.28, -35.63
CIELCh	55, 74.375, 331.373
Yxy	22.9298, 0.3368, 0.1984
Android (android.graphics.Color)	4291972803 (0xFFD24EC3)
YUV	130.8060, 31.6476, 69.4531
Hunter-Lab	47.8851, 61.3129, -33.0096

Details

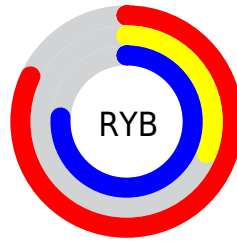
The CIELCh color **55, 74.375, 331.373** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted magenta. A complement of this color would be **75, 75.779, 141.733**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 72.366, 327.660**, and **35, 74.277, 331.289** is the 20% darker color. If you saturate the color by 10%, you get **52, 82.117, 331.922**, and if you desaturate by 10%, it is **58, 64.677, 330.807**.

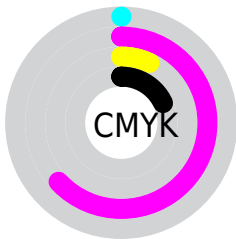
Distribution



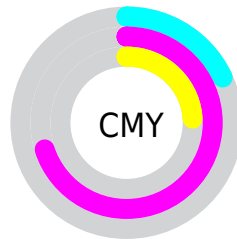
- Red (82%)
- Green (31%)
- Blue (76%)



- Red (82%)
- Yellow (31%)
- Blue (76%)



- Cyan (0%)
- Magenta (63%)
- Yellow (7%)
- Black (18%)





- Cyan (18%)
- Magenta (70%)
- Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 74.375, 331.373 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 55, 74.375, 331.373 by changing the saturation by 10% instead.


 55, 74.375,
331.373


 55, 74.375,
331.373


 100, 74.375,
331.373


 45, 74.375,
331.373


 75, 74.375,
331.373

 35, 74.375,
331.373

 85, 74.375,
331.373

 25, 74.375,
331.373

 95, 74.375,
331.373

 15, 74.375,
331.373

 5, 74.375, 331.373

 0, 74.375, 331.373

55, 74.375,
331.373

55, 74.375,
331.373

52, 82.117,
331.922

58, 64.677,
330.807

50, 87.483,
332.458

63, 53.563,
330.223

49, 90.295,
332.996

67, 41.540,
329.627

48, 91.103,
333.382

72, 29.033,
329.026

77, 16.363,
328.423

82, 3.754, 327.778

88, 8.647, 147.324

93, 20.753,
146.758

■ 96, 25.824,
147.360

Harmonies

Complementary

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



55, 74.375, 331.373



75, 75.779, 141.733

Rectangle

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



55, 74.375, 331.373



55, 74.375, 21.373



55, 74.375, 151.373



55, 74.375, 201.373

Sweetspot

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



55, 74.372, 331.373



88, 28.116, 328.798



42, 78.649, 302.197



45, 19.359, 328.972



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



55, 74.372, 331.373



62, 97.982, 332.129



53, 56.642, 358.251



41, 7.117, 328.205



39, 77.502, 333.294



5, 28.519, 331.870

Inverse Universe

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



55, 74.372, 331.373



62, 97.982, 332.129



76, 50.851, 161.992



41, 7.117, 328.205



39, 77.502, 333.294



5, 28.519, 331.870

Previews

White Background



This preview shows how the CIELCh color 55, 74.375, 331.373 looks on a white background.

Color Contrast Check

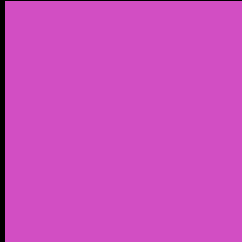
Large Text (above 18pt) WCAG AA ✓ Pass

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 55, 74.375, 331.373 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

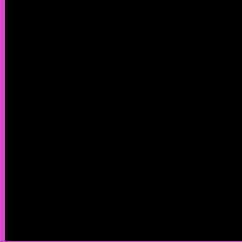
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 74.375, 331.373

Background



This preview shows how black text looks on a background with the CIELCh color 55, 74.375, 331.373.



This preview shows how white text looks on a background with the CIELCh color 55, 74.375, 331.373.

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
55, 74.375, 331.373

Protanopia
56, 63.170, 286.707

Deuteranopia
55, 31.829, 283.592



Tritanopia
55, 42.009, 19.683

Trichromacy



Original Color
55, 74.375, 331.373



Protanomaly
53, 65.331, 301.261



Deuteranomaly
54, 46.080, 310.058



Tritanomaly
54, 48.888, 354.428

Monochromacy



Original Color
55, 74.375, 331.373



Achromatopsia
54, 0.007, 296.813



Achromatomaly
53, 30.168, 329.801

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 74.375, 331.373 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(210, 78, 195)` looks like.

```
.text, #text, p{  
    color:rgb(210, 78, 195)  
}
```

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(210, 78, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 78, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 74.375, 331.373 is called "border". The border property can be set on classes, ids or directly on the HTML element.

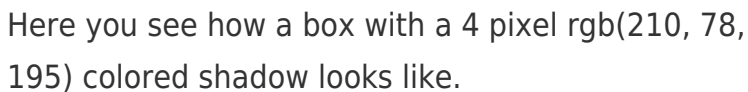
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(210, 78, 195) }
```

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

```
.border{ border-color:rgb(210, 78, 195) }
```

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



Here you see how a box with a 4 pixel `rgb(210, 78, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(210, 78, 195); -webkit-box-shadow:4px 4px 4px 4px rgb(210, 78, 195); box-shadow:4px 4px 4px 4px rgb(210, 78, 195) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 74.375, 331.373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 78, 195) }
```

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

```
.background{ background-color: rgb(210, 78,  
195) }
```

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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