

Converting Colors

CIELCh(54, 92.069, 334.265)

Have a look what the booklet for
CIELCh(54, 92.069, 334.265)
contains.

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Color

CIELCh(54, 92.232, 334.210)

Conversions

Conversions Part 1

Format	Color
Hex	E522C8
RGB	229, 34, 200
RGB Percent	90%, 13%, 78%
CMY	0.1019, 0.8666, 0.2157
CMYK	0.00, 0.85, 0.13, 0.10
HSL	309°, 79%, 52%
HSV	309°, 85%, 90%
XYZ	43.3141, 21.9746, 56.6069
YIQ	111.2290, 62.9340, 92.9660

Conversions

Conversions Part 2

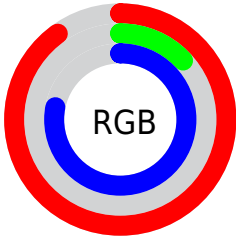
Format	Color
R_{YB}	229, 34, 200
Decimal	15016648
CIE _{Lab}	54.00, 83.05, -40.13
CIE _{LCh}	54, 92.232, 334.210
Yxy	21.9746, 0.3553, 0.1803
Android (android.graphics.Color)	4293206728 (0xFFE522C8)
YUV	111.2290, 43.7641, 103.2852
Hunter-Lab	46.8770, 82.8983, -38.7824

Details

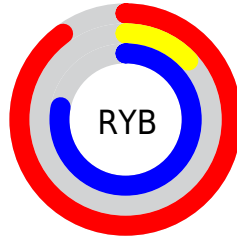
The CIELCh color **54, 92.232, 334.210** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **80, 98.930, 139.392**, and the grayscale version is **47, 0.006, 296.813**.

A 20% lighter version of the original color is **69, 88.081, 327.393**, and **39, 76.043, 334.779** is the 20% darker color. If you saturate the color by 10%, you get **53, 94.342, 334.936**, and if you desaturate by 10%, it is **56, 87.374, 333.534**.

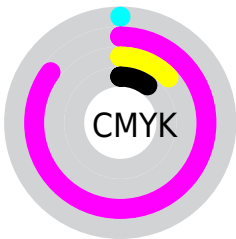
Distribution



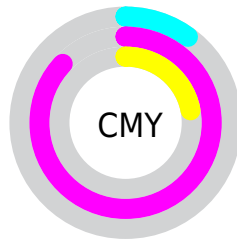
- Red (90%)
- Green (13%)
- Blue (78%)



- Red (90%)
- Yellow (13%)
- Blue (78%)



- Cyan (0%)
- Magenta (85%)
- Yellow (13%)
- Black (10%)





- Cyan (10%)
- Magenta (87%)
- Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 54, 92.232, 334.210 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, 92.232, 334.210 by changing the saturation by 10% instead.


 54, 92.232,
334.210


 54, 92.232,
334.210


 100, 92.232,
334.210


 44, 92.232,
334.210


 74, 92.232,
334.210

 34, 92.232,
334.210

 84, 92.232,
334.210

 24, 92.232,
334.210

 94, 92.232,
334.210

 14, 92.232,
334.210

 4, 92.232, 334.210

 0, 92.232, 334.210

■ 54, 92.232,
334.210

■ 54, 92.232,
334.210

■ 53, 94.342,
334.936

■ 56, 87.374,
333.534

■ 53, 94.697,
335.307

■ 59, 79.875,
332.883

■ 62, 70.158,
332.241

■ 67, 58.791,
331.601

■ 72, 46.341,
330.962

■ 77, 33.291,
330.327

■ 82, 20.009,
329.699

■ 88, 6.754, 329.060

Harmonies

Complementary

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



54, 92.232, 334.210



80, 98.930, 139.392

Rectangle

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



54, 92.232, 334.210



54, 92.232, 24.210



54, 92.232, 154.210



54, 92.232, 204.210

Sweetspot

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



54, 92.229, 334.210



84, 37.562, 330.391



33, 112.552, 305.948



43, 25.440, 330.612



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, 92.229, 334.210



58, 102.646, 335.356



50, 74.130, 8.324



45, 7.496, 329.341



41, 78.741, 335.174



8, 33.632, 333.954

Inverse Universe

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



54, 92.229, 334.210



58, 102.646, 335.356



81, 65.201, 159.903



45, 7.496, 329.341



41, 78.741, 335.174



8, 33.632, 333.954

Previews

White Background



This preview shows how the CIELCh color 54, 92.232, 334.210 looks on a white background.

Color Contrast Check

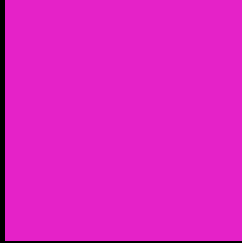
Large Text (above 18pt) WCAG AA ✓ Pass

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, 92.232, 334.210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

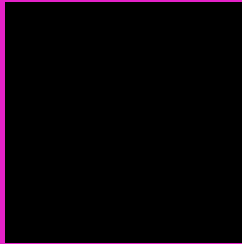
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 92.232, 334.210

Background



This preview shows how black text looks on a background with the CIELCh color 54, 92.232, 334.210.

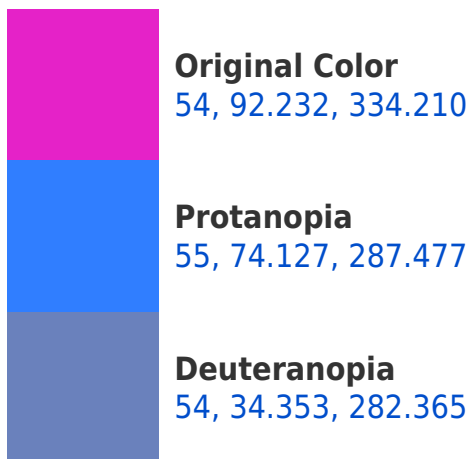


This preview shows how white text looks on a background with the CIELCh color 54, 92.232, 334.210.

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, 59.375, 25.578

Trichromacy



Original Color
54, 92.232, 334.210



Protanomaly
49, 82.471, 302.891



Deuteranomaly
50, 59.422, 314.159



Tritanomaly
53, 65.264, 0.005

Monochromacy



Original Color
54, 92.232, 334.210



Achromatopsia
47, 0.006, 296.813



Achromatomaly
46, 43.312, 331.806

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 92.232, 334.210 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(229, 34, 200)` looks like.

```
.text, #text, p{  
    color:rgb(229, 34, 200)  
}
```

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(229, 34, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 34, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 92.232, 334.210 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(229, 34, 200) }
```

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

```
.border{ border-color:rgb(229, 34, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 34, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 34, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 34, 200);  
box-shadow:4px 4px 4px 4px rgb(229, 34,  
200) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 92.232, 334.210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 34, 200) }
```

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

```
.background{ background-color: rgb(229, 34,  
200) }
```

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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