

Converting Colors

CIELCh(76, 56.803, 336.694)

Have a look what the booklet for
CIELCh(76, 56.803, 336.694)
contains.

CIELCh(75, 55.393, 334.772)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(75, 55.393, 334.772)

Conversions

Conversions Part 1

Format	Color
Hex	FE95E5
RGB	254, 149, 229
RGB Percent	100%, 58%, 90%
CMY	0.0037, 0.4152, 0.1016
CMYK	0.00, 0.41, 0.10, 0.00
HSL	314°, 98%, 79%
HSV	314°, 41%, 100%
XYZ	65.8157, 48.2781, 80.0473
YIQ	189.5150, 36.9000, 47.1400

Conversions

Conversions Part 2

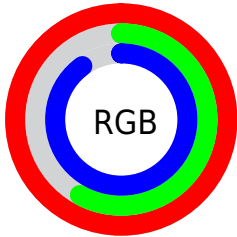
Format	Color
R_{YB}	254, 149, 229
Decimal	16684517
CIE _{Lab}	75.00, 50.11, -23.61
CIE _{LCh}	75, 55.393, 334.772
Yxy	48.2781, 0.3390, 0.2487
Android (android.graphics.Color)	4294874597 (0xFFFE95E5)
YUV	189.5150, 19.4661, 56.5533
Hunter-Lab	69.4824, 47.4858, -19.6674

Details

The CIELCh color **75, 55.393, 334.772** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **92, 55.122, 148.321**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 31.354, 325.516**, and **55, 55.408, 335.094** is the 20% darker color. If you saturate the color by 10%, you get **70, 67.540, 335.570**, and if you desaturate by 10%, it is **80, 42.329, 334.017**.

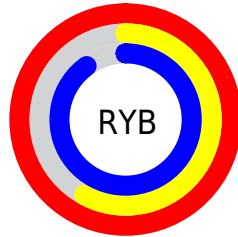
Distribution



Red (100%)

Green (58%)

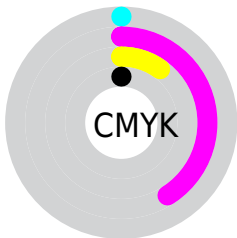
Blue (90%)



Red (100%)

Yellow (58%)

Blue (90%)

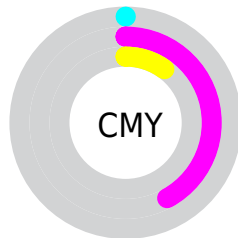


Cyan (0%)

Magenta (41%)

Yellow (10%)

Black (0%)



Cyan (0%)


Magenta (42%)


Yellow (10%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 55.393, 334.772 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 75, 55.393, 334.772 by changing the saturation by 10% instead.


 75, 55.393,
334.772


 75, 55.393,
334.772


 100, 55.393,
334.772


 65, 55.393,
334.772


 95, 55.393,
334.772

 55, 55.393,
334.772

 45, 55.393,
334.772

 35, 55.393,
334.772

 25, 55.393,
334.772

 15, 55.393,
334.772

 5, 55.393, 334.772

■ 0, 55.393, 334.772

■ 75, 55.393,
334.772

■ 75, 55.393,
334.772

■ 70, 67.540,
335.570

■ 80, 42.329,
334.017

■ 66, 78.191,
336.424

■ 86, 28.826,
333.296

■ 62, 86.697,
337.358

■ 93, 15.221,
332.600

■ 59, 92.495,
338.412

■ 99, 1.742, 331.753

■ 58, 95.309,
339.635

100, 0.329,
201.401

■ 57, 95.683,
340.861

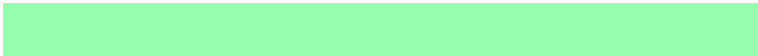
Harmonies

Complementary

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



75, 55.393, 334.772



92, 55.122, 148.321

Rectangle

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



75, 55.393, 334.772



75, 55.393, 24.772



75, 55.393, 154.772



75, 55.393, 204.772

Sweetspot

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



75, 55.390, 334.772



92, 16.222, 332.648



68, 58.411, 302.777



48, 10.769, 332.738



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



75, 55.390, 334.772



71, 66.232, 335.464



73, 42.661, 3.541



50, 7.673, 332.476



43, 77.510, 340.591



11, 36.405, 338.758

Inverse Universe

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



75, 55.390, 334.772



71, 66.232, 335.464



93, 37.008, 174.033



50, 7.673, 332.476



43, 77.510, 340.591



11, 36.405, 338.758

Previews

White Background



This preview shows how the CIELCh color 75, 55.393, 334.772 looks on a white background.

Color Contrast Check

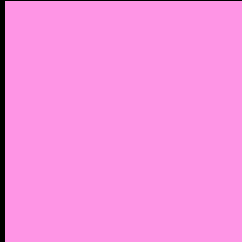
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 75, 55.393, 334.772 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

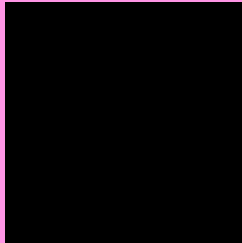
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 55.393, 334.772

Background



This preview shows how black text looks on a background with the CIELCh color 75, 55.393, 334.772.



This preview shows how white text looks on a background with the CIELCh color 75, 55.393, 334.772.

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
75, 34.160, 11.974

Trichromacy



Original Color
75, 55.423, 334.784



Protanomaly
75, 41.108, 305.601



Deuteranomaly
74, 33.423, 317.249



Tritanomaly
75, 39.460, 354.389

Monochromacy



Original Color
75, 55.423, 334.784



Achromatopsia
77, 0.009, 296.813



Achromatomaly
76, 20.919, 333.001

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 55.393, 334.772 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(254, 149, 229)` looks like.

```
.text, #text, p{  
    color:rgb(254, 149, 229)  
}
```

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(254, 149, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 149, 229) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 55.393, 334.772 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(254, 149, 229) }
```

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

```
.border{ border-color:rgb(254, 149, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 149, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 149, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 149, 229);  
box-shadow:4px 4px 4px 4px rgb(254, 149,  
229) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 55.393, 334.772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 149, 229) }
```

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

```
.background{ background-color: rgb(254,  
149, 229) }
```

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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