

Converting Colors

CIELCh(74, 41.009, 6.786)

Have a look what the booklet for
CIELCh(74, 41.009, 6.786) contains.

CIELCh(74, 41.085, 6.393)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(74, 41.085, 6.393)

Conversions

Conversions Part 1

Format	Color
Hex	FE98AF
RGB	254, 152, 175
RGB Percent	100%, 60%, 69%
CMY	0.0033, 0.4033, 0.3132
CMYK	0.00, 0.40, 0.31, 0.00
HSL	346°, 98%, 80%
HSV	346°, 40%, 100%
XYZ	59.9339, 46.7039, 46.4863
YIQ	185.1200, 53.4090, 28.7770

Conversions

Conversions Part 2

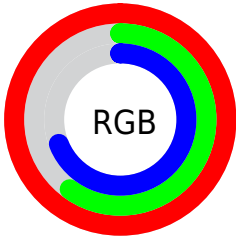
Format	Color
R_{YB}	254, 152, 175
Decimal	16685231
CIE _{Lab}	74.00, 40.83, 4.57
CIE _{LCh}	74, 41.085, 6.393
Yxy	46.7039, 0.3914, 0.3050
Android (android.graphics.Color)	4294875311 (0xFFFE98AF)
YUV	185.1200, -4.9892, 60.4078
Hunter-Lab	68.3403, 36.9477, 7.5081

Details

The CIELCh color **74, 41.085, 6.393** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **93, 35.024, 177.319**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 20.479, 347.067**, and **54, 41.074, 6.195** is the 20% darker color. If you saturate the color by 10%, you get **68, 51.767, 8.424**, and if you desaturate by 10%, it is **80, 30.356, 4.758**.

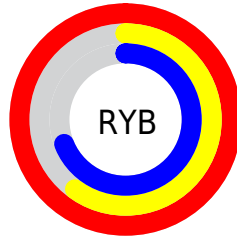
Distribution



Red (100%)

Green (60%)

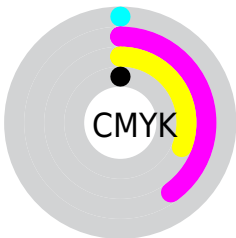
Blue (69%)



Red (100%)

Yellow (60%)

Blue (69%)

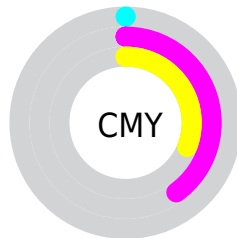


Cyan (0%)

Magenta (40%)

Yellow (31%)

Black (0%)



Cyan (0%)

Magenta (40%)

Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 41.085, 6.393 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 74, 41.085, 6.393 by changing the saturation by 10% instead.

 74, 41.085, 6.393  74, 41.085, 6.393

 100, 41.085, 6.393  64, 41.085, 6.393

 94, 41.085, 6.393  54, 41.085, 6.393

 44, 41.085, 6.393

 34, 41.085, 6.393

 24, 41.085, 6.393

 14, 41.085, 6.393

 4, 41.085, 6.393

 0, 41.085, 6.393

 74, 41.085, 6.393  74, 41.085, 6.393

68, 51.767, 8.424

80, 30.356, 4.758

64, 62.028, 10.979

86, 19.861, 3.405

59, 71.415, 14.224

93, 9.760, 2.248

56, 79.559, 18.309

100, 0.133,
356.822

54, 86.350, 23.270

100, 0.292,
201.655

53, 92.087, 28.677

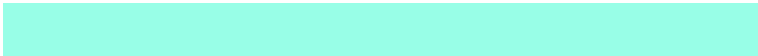
Harmonies

Complementary

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



74, 41.085, 6.393



93, 35.024, 177.319

Rectangle

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



74, 41.085, 6.393



74, 41.085, 56.393



74, 41.085, 186.393



74, 41.085, 236.393

Sweetspot

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



74, 41.082, 6.396



92, 11.640, 2.454



74, 60.348, 319.547



48, 7.745, 2.600



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



74, 41.082, 6.396



70, 49.639, 7.953



79, 34.465, 45.939



50, 5.481, 2.179



40, 73.727, 27.632



10, 31.836, 17.400

Inverse Universe

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



74, 41.082, 6.396



70, 49.639, 7.953



86, 26.240, 231.347



50, 5.481, 2.179



40, 73.727, 27.632



10, 31.836, 17.400

Previews

White Background



This preview shows how the CIELCh color 74, 41.085, 6.393 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 74, 41.085, 6.393 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 74, 41.085, 6.393

Background



This preview shows how black text looks on a background with the CIELCh color 74, 41.085, 6.393.

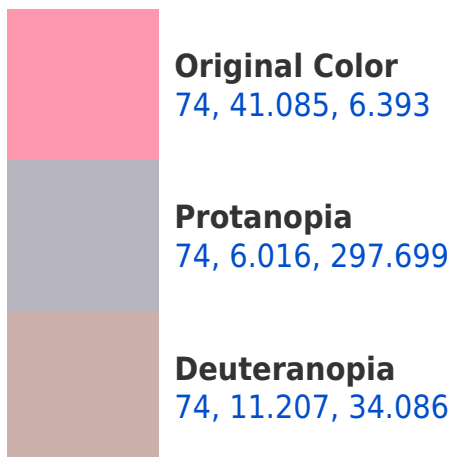


This preview shows how white text looks on a background with the CIELCh color 74, 41.085, 6.393.

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
74, 39.550, 14.883

Trichromacy



Original Color
74, 41.085, 6.393



Protanomaly
74, 16.452, 351.459



Deuteranomaly
74, 21.641, 12.846



Tritanomaly
74, 39.985, 11.228

Monochromacy



Original Color
74, 41.085, 6.393



Achromatopsia
75, 0.009, 296.813



Achromatomaly
74, 14.746, 3.760

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 41.085, 6.393 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, 152, 175)` looks like.

```
.text, #text, p{  
    color:rgb(254, 152, 175)  
}
```

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, 152, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 152, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 41.085, 6.393 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, 152, 175) }
```

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

```
.border{ border-color:rgb(254, 152, 175) }
```

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

Here you see how a box with a 4 pixel rgb(254, 152, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 152, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 152, 175);  
box-shadow:4px 4px 4px 4px rgb(254, 152,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 41.085, 6.393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 152, 175) }
```

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

```
.background{ background-color: rgb(254,  
152, 175) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor