

Converting Colors

CIELCh(90, 74.454, 148.176)

Have a look what the booklet for
CIELCh(90, 74.454, 148.176)
contains.

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Color

CIELCh(90, 74.420, 148.182)

Conversions

Conversions Part 1

Format	Color
Hex	65FF94
RGB	101, 255, 148
RGB Percent	40%, 100%, 58%
CMY	0.6046, 0.0006, 0.4202
CMYK	0.60, 0.00, 0.42, 0.00
HSL	138°, 100%, 70%
HSV	138°, 60%, 100%
XYZ	46.3865, 76.3034, 40.2376
YIQ	196.7560, -57.4370, -65.9250

Conversions

Conversions Part 2

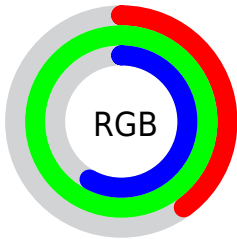
Format	Color
RYB	101, 219, 255
Decimal	6684564
CIELab	90.00, -63.24, 39.24
CIElCh	90, 74.420, 148.182
Yxy	76.3034, 0.2847, 0.4683
Android (android.graphics.Color)	4284874644 (0xFF65FF94)
YUV	196.7560, -24.0367, -83.9780
Hunter-Lab	87.3518, -58.0766, 33.8350

Details

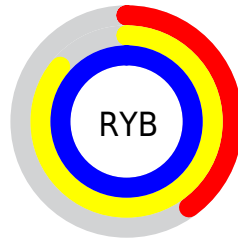
The CIELCh color **90, 74.420, 148.182** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **66, 74.235, 339.570**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **93, 41.355, 156.665**, and **70, 74.248, 148.267** is the 20% darker color. If you saturate the color by 10%, you get **89, 84.484, 146.542**, and if you desaturate by 10%, it is **91, 63.319, 149.630**.

Distribution



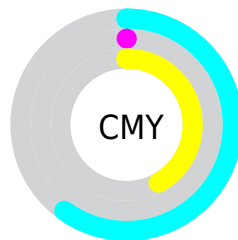
- Red (40%)
- Green (100%)
- Blue (58%)



- Red (40%)
- Yellow (86%)
- Blue (100%)



- Cyan (60%)
- Magenta (0%)
- Yellow (42%)
- Black (0%)




- Cyan (60%)
- Magenta (0%)
- Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 90, 74.420, 148.182 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 90, 74.420, 148.182 by changing the saturation by 10% instead.


 90, 74.420,
148.182


 90, 74.420,
148.182

 100, 74.420,
148.182

 80, 74.420,
148.182

 70, 74.420,
148.182

 60, 74.420,
148.182

 50, 74.420,
148.182

 40, 74.420,
148.182

 30, 74.420,
148.182

 20, 74.420,

148.182

■ 10, 74.420,
148.182

■ 0, 74.420, 148.182

■ 90, 74.420,
148.182

■ 90, 74.420,
148.182

■ 89, 84.484,
146.542

■ 91, 63.319,
149.630

■ 89, 93.308,
144.723

■ 92, 51.420,
150.893

■ 88, 100.760,
142.770

■ 94, 38.974,
151.991

■ 88, 106.614,
140.894

■ 96, 26.218,
152.945

■ 98, 13.354,
153.784

100, 0.549,
155.218

100, 0.111,
321.645

Harmonies

Complementary

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



90, 74.420, 148.182



66, 74.235, 339.570

Rectangle

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



90, 74.420, 148.182



90, 74.420, 198.182



90, 74.420, 328.182



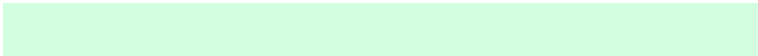
90, 74.420, 18.182

Sweetspot

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



90, 74.421, 148.182



96, 23.095, 153.158



94, 76.162, 118.573



51, 16.053, 152.902



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



90, 74.421, 148.182



89, 86.913, 146.092



91, 47.945, 176.891



52, 7.274, 153.859



68, 85.193, 141.259



23, 36.704, 144.161

Inverse Universe

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



66, 74.235, 339.570



61, 84.416, 341.085



63, 62.568, 13.039



50, 7.312, 335.130



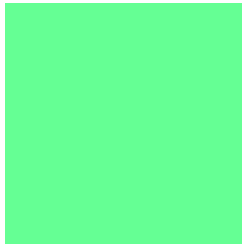
42, 74.063, 345.338



11, 34.902, 342.682

Previews

White Background



This preview shows how the CIE LCh color 90, 74.420, 148.182 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 90, 74.420, 148.182 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 90, 74.420, 148.182

Background



This preview shows how black text looks on a background with the CIELCh color 90, 74.420, 148.182.

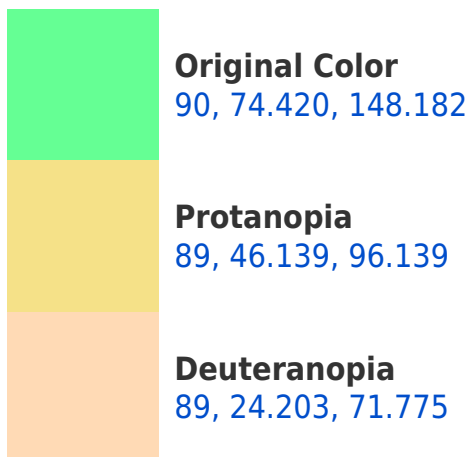


This preview shows how white text looks on a background with the CIELCh color 90, 74.420, 148.182.

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
90, 26.644, 216.232

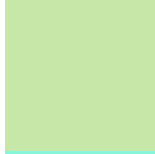
Trichromacy



Original Color
90, 74.420, 148.182



Protanomaly
89, 51.463, 125.251



Deuteranomaly
88, 34.213, 128.393

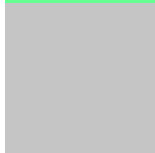


Tritanomaly
90, 38.583, 173.822

Monochromacy



Original Color
90, 74.420, 148.182



Achromatopsia
80, 0.010, 296.813



Achromatomaly
82, 29.062, 152.411

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 74.420, 148.182 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(101, 255, 148)` looks like.

```
.text, #text, p{  
    color:rgb(101, 255, 148)  
}
```

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(101, 255, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 255, 148) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 74.420, 148.182 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(101, 255, 148) }
```

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

```
.border{ border-color:rgb(101, 255, 148) }
```

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

Here you see how a box with a 4 pixel rgb(101, 255, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 255, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 255, 148);  
box-shadow:4px 4px 4px 4px rgb(101, 255,  
148) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 74.420, 148.182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 255, 148) }
```

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

```
.background{ background-color: rgb(101,  
255, 148) }
```

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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