

Converting Colors

CIELCh(90, 75.853, 131.368)

Have a look what the booklet for
CIELCh(90, 75.853, 131.368)
contains.

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Color

CIELCh(90, 75.913, 131.290)

Conversions

Conversions Part 1

Format	Color
Hex	A0F96F
RGB	160, 249, 111
RGB Percent	63%, 98%, 44%
CMY	0.3729, 0.0239, 0.5650
CMYK	0.36, 0.00, 0.55, 0.02
HSL	99°, 92%, 71%
HSV	99°, 55%, 98%
XYZ	51.1898, 76.3034, 27.0442
YIQ	206.6570, -8.7460, -61.7860

Conversions

Conversions Part 2

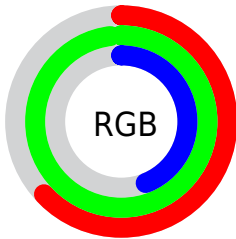
Format	Color
RYB	111, 249, 200
Decimal	10549615
CIELab	90.00, -50.09, 57.04
CIELCh	90, 75.913, 131.290
Yxy	76.3034, 0.3312, 0.4938
Android (android.graphics.Color)	4288739695 (0xFFA0F96F)
YUV	206.6570, -47.1589, -40.9182
Hunter-Lab	87.3518, -48.2613, 42.7900

Details

The CIELCh color **90, 75.913, 131.290** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **62, 79.879, 316.303**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 46.861, 124.313**, and **70, 76.047, 131.130** is the 20% darker color. If you saturate the color by 10%, you get **89, 87.629, 130.949**, and if you desaturate by 10%, it is **91, 63.088, 131.762**.

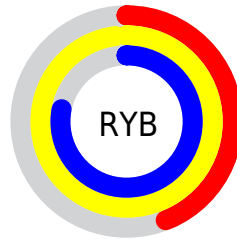
Distribution



Red (63%)

Green (98%)

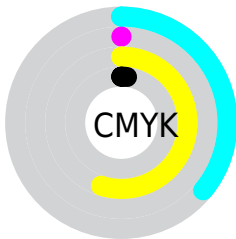
Blue (44%)



Red (44%)

Yellow (98%)

Blue (78%)

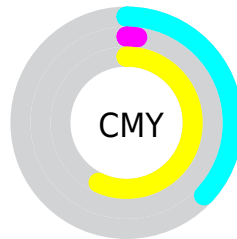


Cyan (36%)

Magenta (0%)

Yellow (55%)

Black (2%)



Cyan (37%)


Magenta (2%)


Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 90, 75.913, 131.290 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, 75.913, 131.290 by changing the saturation by 10% instead.


 90, 75.913,
131.290


 90, 75.913,
131.290


 100, 75.913,
131.290


 80, 75.913,
131.290

 70, 75.913,
131.290

 60, 75.913,
131.290

 50, 75.913,
131.290

 40, 75.913,
131.290

 30, 75.913,
131.290

 20, 75.913,

131.290

■ 10, 75.913,
131.290

■ 0, 75.913, 131.290

■ 90, 75.913,
131.290

■ 90, 75.913,
131.290

■ 89, 87.629,
130.949

■ 91, 63.088,
131.762

■ 88, 97.675,
130.849

■ 92, 49.579,
132.281

■ 88, 105.439,
131.126

■ 94, 35.693,
132.802

■ 87, 110.511,
131.871

■ 95, 21.647,
133.298

■ 87, 112.131,
132.298

■ 97, 7.594, 133.766

■ 99, 3.790, 324.492

Harmonies

Complementary

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



90, 75.913, 131.290



62, 79.879, 316.303

Rectangle

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



90, 75.913, 131.290



90, 75.913, 181.290



90, 75.913, 311.290



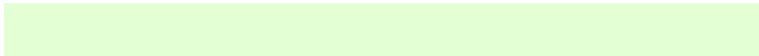
90, 75.913, 1.290

Sweetspot

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



90, 75.914, 131.291



97, 24.315, 133.221



83, 50.760, 80.791



51, 16.269, 133.123



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, 75.914, 131.291



91, 91.067, 130.912



88, 76.931, 143.227



51, 7.980, 133.577



68, 90.814, 132.059



22, 39.414, 130.937

Inverse Universe

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



62, 79.879, 316.303



57, 96.566, 316.569



67, 76.128, 331.701



49, 8.058, 314.350



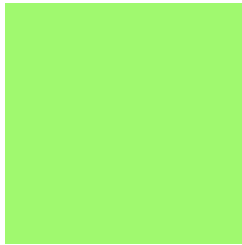
34, 96.519, 315.671



7, 43.114, 316.936

Previews

White Background



This preview shows how the CIE LCh color 90, 75.913, 131.290 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, 75.913, 131.290 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, 75.913, 131.290

Background



This preview shows how black text looks on a background with the CIELCh color 90, 75.913, 131.290.

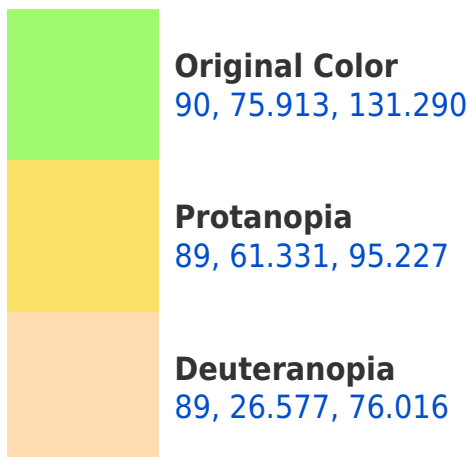



This preview shows how white text looks on a background with the CIELCh color 90, 75.913, 131.290.

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, 18.832, 230.341

Trichromacy



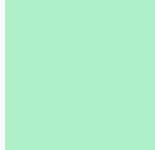
Original Color
90, 75.913, 131.290



Protanomaly
89, 63.121, 111.399



Deuteranomaly
89, 40.005, 112.568

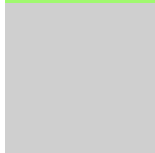


Tritanomaly
89, 30.150, 156.623

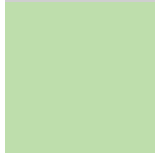
Monochromacy



Original Color
90, 75.913, 131.290



Achromatopsia
83, 0.010, 296.813



Achromatomaly
85, 28.763, 132.795

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 75.913, 131.290 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(160, 249, 111)` looks like.

```
.text, #text, p{  
    color:rgb(160, 249, 111)  
}
```

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(160, 249, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 249, 111) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 75.913, 131.290 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(160, 249, 111) }
```

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

```
.border{ border-color:rgb(160, 249, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 249, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 249, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 249, 111);  
box-shadow:4px 4px 4px 4px rgb(160, 249,  
111) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 75.913, 131.290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 249, 111) }
```

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

```
.background{ background-color: rgb(160,  
249, 111) }
```

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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