

Converting Colors

CIELCh(91, 67.536, 152.169)

Have a look what the booklet for
CIELCh(91, 67.536, 152.169)
contains.

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Color

CIELCh(90, 66.746, 152.424)

Conversions

Conversions Part 1

Format	Color
Hex	68FEA5
RGB	104, 254, 165
RGB Percent	41%, 100%, 65%
CMY	0.5903, 0.0055, 0.3541
CMYK	0.59, 0.00, 0.35, 0.01
HSL	144°, 98%, 70%
HSV	144°, 59%, 99%
XYZ	47.8414, 76.3034, 47.6653
YIQ	199.0040, -60.8310, -59.4790

Conversions

Conversions Part 2

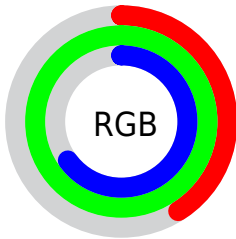
Format	Color
RYB	104, 211, 254
Decimal	6880933
CIELab	90.00, -59.16, 30.90
CIELCh	90, 66.746, 152.424
Yxy	76.3034, 0.2785, 0.4441
Android (android.graphics.Color)	4285071013 (0xFF68FEA5)
YUV	199.0040, -16.7640, -83.3185
Hunter-Lab	87.3518, -55.1037, 28.7934

Details

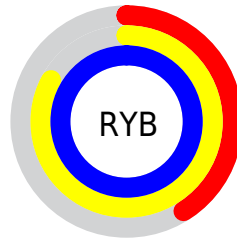
The CIELCh color **90, 66.746, 152.424** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **66, 68.177, 344.680**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **94, 34.777, 166.978**, and **70, 66.960, 152.413** is the 20% darker color. If you saturate the color by 10%, you get **89, 76.089, 150.752**, and if you desaturate by 10%, it is **91, 56.493, 153.892**.

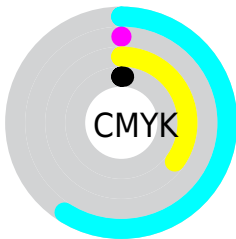
Distribution



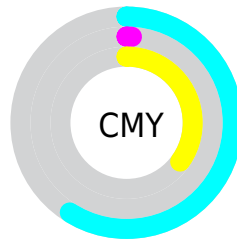
- Red (41%)
- Green (100%)
- Blue (65%)



- Red (41%)
- Yellow (83%)
- Blue (100%)



- Cyan (59%)
- Magenta (0%)
- Yellow (35%)
- Black (1%)





- Cyan (59%)
- Magenta (1%)
- Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 90, 66.746, 152.424 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, 66.746, 152.424 by changing the saturation by 10% instead.


 90, 66.746,
152.424


 90, 66.746,
152.424


 100, 66.746,
152.424


 80, 66.746,
152.424

 70, 66.746,
152.424

 60, 66.746,
152.424


 50, 66.746,
152.424

 40, 66.746,
152.424


 30, 66.746,
152.424


 20, 66.746,


152.424


 10, 66.746,
152.424

 0, 66.746, 152.424


 90, 66.746,
152.424


 90, 66.746,
152.424


 89, 76.089,
150.752

 91, 56.493,
153.892


 89, 84.365,
148.870

 92, 45.524,
155.176

 88, 91.500,
146.797

 94, 34.057,
156.300

 88, 97.548,
144.604

 96, 22.296,
157.289

■ 88, 98.226,
144.352

■ 98, 10.422,
158.178

100, 0.879,
324.120

Harmonies

Complementary

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



90, 66.746, 152.424



66, 68.177, 344.680

Rectangle

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



90, 66.746, 152.424



90, 66.746, 202.424



90, 66.746, 332.424



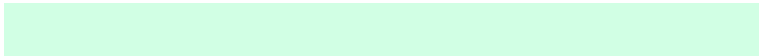
90, 66.746, 22.424

Sweetspot

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



90, 66.747, 152.424



96, 21.437, 157.363



93, 75.833, 122.720



51, 14.893, 157.090



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, 66.747, 152.424



89, 78.344, 150.353



92, 43.379, 186.366



52, 6.761, 158.117



68, 78.742, 144.756



23, 33.864, 147.893

Inverse Universe

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



66, 68.177, 344.680



61, 78.430, 346.642



64, 61.746, 20.180



50, 6.818, 339.508



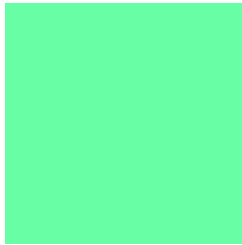
42, 70.238, 353.323



11, 33.087, 349.239

Previews

White Background



This preview shows how the CIELCh color 90, 66.746, 152.424 looks on a white background.

Color Contrast Check

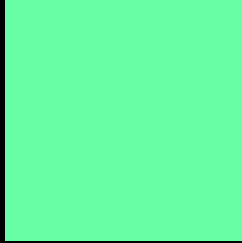
Large Text (above 18pt) WCAG AA × Fail

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, 66.746, 152.424 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

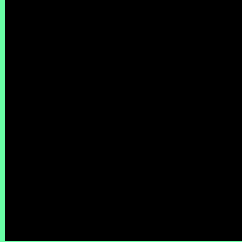
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 90, 66.746, 152.424

Background



This preview shows how black text looks on a background with the CIELCh color 90, 66.746, 152.424.

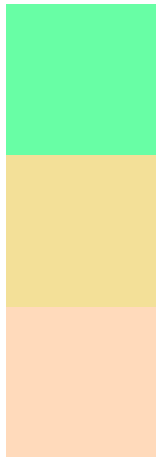


This preview shows how white text looks on a background with the CIELCh color 90, 66.746, 152.424.

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



Original Color
90, 66.923, 152.502

Protanopia
89, 37.796, 95.384

Deuteranopia
89, 21.699, 67.359



Tritanopia
90, 26.644, 216.232

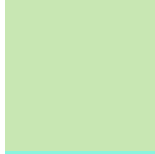
Trichromacy



Original Color
90, 66.923, 152.502



Protanomaly
89, 43.056, 128.862



Deuteranomaly
88, 29.329, 131.351

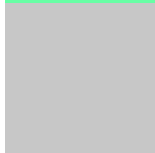


Tritanomaly
90, 36.088, 178.482

Monochromacy



Original Color
90, 66.923, 152.502



Achromatopsia
80, 0.010, 296.813



Achromatomaly
83, 25.859, 156.902

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 66.746, 152.424 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(104, 254, 165)` looks like.

```
.text, #text, p{  
    color:rgb(104, 254, 165)  
}
```

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(104, 254, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 254, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 66.746, 152.424 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(104, 254, 165) }
```

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

```
.border{ border-color:rgb(104, 254, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 254, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 254, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 254, 165);  
box-shadow:4px 4px 4px 4px rgb(104, 254,  
165) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 66.746, 152.424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 254, 165) }
```

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

```
.background{ background-color: rgb(104,  
254, 165) }
```

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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