

Converting Colors

CIELCh(90, 69.006, 153.696)

Have a look what the booklet for
CIELCh(90, 69.006, 153.696)
contains.

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Color

CIElCh(90, 69.261, 153.572)

Conversions

Conversions Part 1

Format	Color
Hex	5CFFA5
RGB	92, 255, 165
RGB Percent	36%, 100%, 65%
CMY	0.6405, 0.0011, 0.3540
CMYK	0.64, 0.00, 0.35, 0.00
HSL	147°, 100%, 68%
HSV	147°, 64%, 100%
XYZ	46.8169, 76.3034, 47.7333
YIQ	196.0030, -68.2580, -62.5460

Conversions

Conversions Part 2

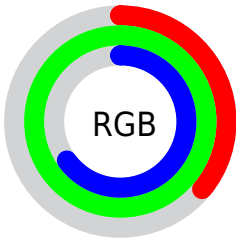
Format	Color
RYB	92, 205, 255
Decimal	6094757
CIELab	90.00, -62.02, 30.83
CIELCh	90, 69.261, 153.572
Yxy	76.3034, 0.2740, 0.4466
Android (android.graphics.Color)	4284284837 (0xFF5CFFA5)
YUV	196.0030, -15.2845, -91.2106
Hunter-Lab	87.3518, -57.1970, 28.7473

Details

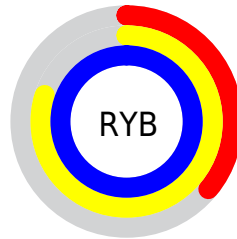
The CIELCh color **90, 69.261, 153.572** is a light color, and the websafe version is hex **66FF99**. The color can be described as light muted spring green. A complement of this color would be **63, 71.352, 348.186**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **93, 37.011, 168.785**, and **70, 68.244, 152.754** is the 20% darker color. If you saturate the color by 10%, you get **89, 77.684, 151.769**, and if you desaturate by 10%, it is **91, 59.864, 155.163**.

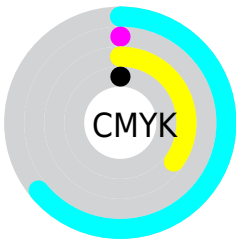
Distribution



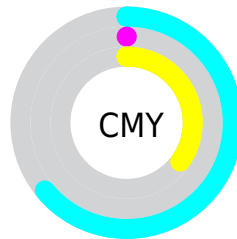
- Red (36%)
- Green (100%)
- Blue (65%)



- Red (36%)
- Yellow (80%)
- Blue (100%)



- Cyan (64%)
- Magenta (0%)
- Yellow (35%)
- Black (0%)





- Cyan (64%)
- Magenta (0%)
- Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 90, 69.261, 153.572 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, 69.261, 153.572 by changing the saturation by 10% instead.


 90, 69.261,
153.572


 90, 69.261,
153.572


 100, 69.261,
153.572


 80, 69.261,
153.572

 70, 69.261,
153.572

 60, 69.261,
153.572


 50, 69.261,
153.572

 40, 69.261,
153.572


 30, 69.261,
153.572


 20, 69.261,


153.572


 10, 69.261,
153.572


 0, 69.261, 153.572


 90, 69.261,
153.572


 90, 69.261,
153.572

 89, 77.684,
151.769

 91, 59.864,
155.163

 89, 85.032,
149.754

 92, 49.653,
156.559

 88, 91.305,
147.553

 94, 38.827,
157.784

 88, 94.644,
146.207

 95, 27.588,
158.864

■ 97, 16.126,
159.826

■ 99, 4.603, 160.746

100, 0.184,
322.767

Harmonies

Complementary

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



90, 69.261, 153.572



63, 71.352, 348.186

Rectangle

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



90, 69.261, 153.572



90, 69.261, 203.572



90, 69.261, 333.572



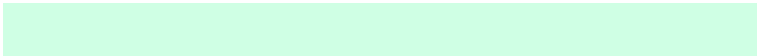
90, 69.261, 23.572

Sweetspot

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



90, 69.262, 153.572



96, 21.879, 159.359



93, 82.500, 123.905



51, 15.048, 159.080



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, 69.262, 153.572



89, 80.064, 151.188



92, 44.939, 189.374



52, 6.544, 160.234



68, 75.607, 146.629



23, 32.541, 149.825

Inverse Universe

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



63, 71.352, 348.186



59, 80.273, 350.855



61, 68.545, 24.197



50, 6.611, 341.682



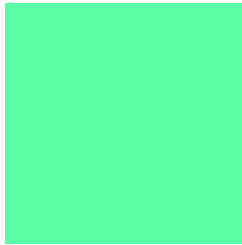
41, 69.086, 357.267



11, 32.452, 352.487

Previews

White Background



This preview shows how the CIE LCh color 90, 69.261, 153.572 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, 69.261, 153.572 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, 69.261, 153.572

Background



This preview shows how black text looks on a background with the CIELCh color 90, 69.261, 153.572.

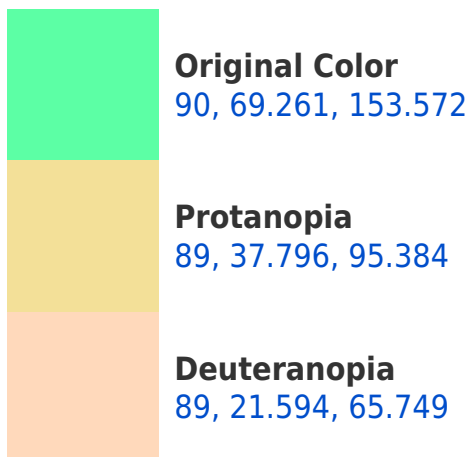



This preview shows how white text looks on a background with the CIELCh color 90, 69.261, 153.572.

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, 27.368, 215.690

Trichromacy



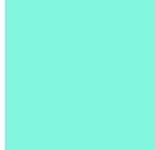
Original Color
90, 69.261, 153.572



Protanomaly
88, 43.826, 131.031



Deuteranomaly
88, 29.974, 133.852

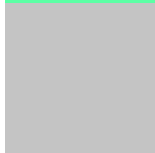


Tritanomaly
90, 38.181, 178.583

Monochromacy



Original Color
90, 69.261, 153.572



Achromatopsia
79, 0.010, 296.813



Achromatomaly
82, 27.189, 159.021

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 69.261, 153.572 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(92, 255, 165)` looks like.

```
.text, #text, p{  
    color:rgb(92, 255, 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(92, 255, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 255, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 69.261, 153.572 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(92, 255, 165) }
```

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

```
.border{ border-color:rgb(92, 255, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 255, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(92, 255, 165); -webkit-box-shadow:4px 4px 4px 4px rgb(92, 255, 165); box-shadow:4px 4px 4px 4px rgb(92, 255, 165) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 69.261, 153.572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 255, 165) }
```

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

```
.background{ background-color: rgb(92, 255,  
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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