

Converting Colors

CIELCh(91, 63.008, 155.837)

Have a look what the booklet for
CIELCh(91, 63.008, 155.837)
contains.

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Color

CIELCh(91, 62.237, 156.182)

Conversions

Conversions Part 1

Format	Color
Hex	6BFFB3
RGB	107, 255, 179
RGB Percent	42%, 100%, 70%
CMY	0.5804, 0.0000, 0.2986
CMYK	0.58, 0.00, 0.30, 0.00
HSL	149°, 100%, 71%
HSV	149°, 58%, 100%
XYZ	50.2394, 78.4833, 55.0708
YIQ	202.0840, -63.8120, -55.0120

Conversions

Conversions Part 2

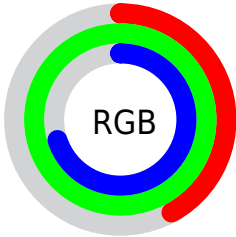
Format	Color
RYB	107, 207, 255
Decimal	7077811
CIELab	91.00, -56.94, 25.13
CIElCh	91, 62.237, 156.182
Yxy	78.4833, 0.2733, 0.4270
Android (android.graphics.Color)	4285267891 (0xFF6BFFB3)
YUV	202.0840, -11.3804, -83.3887
Hunter-Lab	88.5908, -53.8075, 25.1570

Details

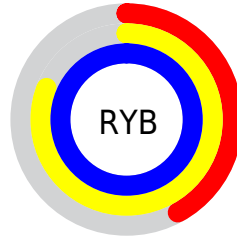
The CIELCh color **91, 62.237, 156.182** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **66, 64.856, 349.507**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **94, 30.178, 177.490**, and **71, 61.575, 156.519** is the 20% darker color. If you saturate the color by 10%, you get **90, 70.408, 154.673**, and if you desaturate by 10%, it is **92, 52.221, 157.842**.

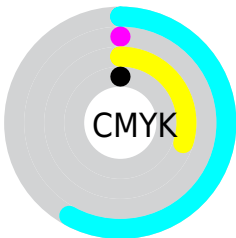
Distribution



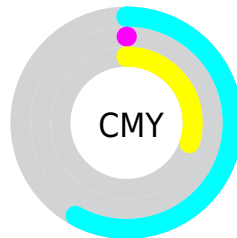
- Red (42%)
- Green (100%)
- Blue (70%)



- Red (42%)
- Yellow (81%)
- Blue (100%)



- Cyan (58%)
- Magenta (0%)
- Yellow (30%)
- Black (0%)





- Cyan (58%)
- Magenta (0%)
- Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 91, 62.237, 156.182 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 91, 62.237, 156.182 by changing the saturation by 10% instead.


 91, 62.237,
156.182


 91, 62.237,
156.182


 100, 62.237,
156.182


 81, 62.237,
156.182

 71, 62.237,
156.182

 61, 62.237,
156.182

 51, 62.237,
156.182

 41, 62.237,
156.182

 31, 62.237,
156.182

 21, 62.237,

156.182

■ 11, 62.237,
156.182

■ 1, 62.237, 156.182

■ 91, 62.237,
156.182

■ 91, 62.237,
156.182

■ 90, 70.408,
154.673

■ 92, 52.221,
157.842

■ 89, 78.057,
152.771

■ 93, 41.988,
159.147

■ 89, 84.653,
150.657

■ 95, 31.250,
160.299

■ 88, 90.268,
148.377

■ 96, 20.198,
161.326

■ 88, 91.304,
147.938

■ 98, 9.001, 162.266
100, 0.012,
296.813

Harmonies

Complementary

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



91, 62.237, 156.182



66, 64.856, 349.507

Rectangle

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



91, 62.237, 156.182



91, 62.237, 206.182



91, 62.237, 336.182



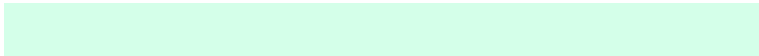
91, 62.237, 26.182

Sweetspot

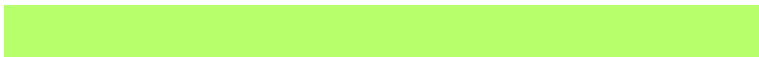
The Sweet Spot groups the original color and five complimentary colors.



91, 61.753, 156.358



97, 19.038, 161.427



93, 76.973, 125.873



51, 12.728, 161.231



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

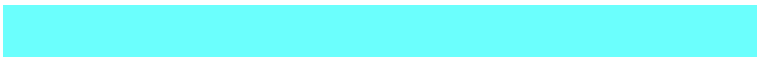
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91, 61.753, 156.358



90, 71.990, 154.317



92, 41.188, 195.098



52, 6.368, 162.130



68, 72.883, 148.368



23, 31.411, 151.593

Inverse Universe

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



66, 64.856, 349.507



61, 74.706, 351.867



64, 62.920, 25.997



50, 6.445, 343.626



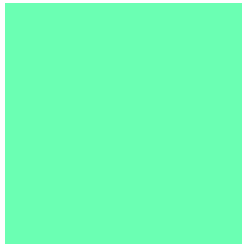
41, 68.423, 0.739



10, 32.013, 355.366

Previews

White Background



This preview shows how the CIE LCh color 91, 62.237, 156.182 looks on a white background.

Color Contrast Check

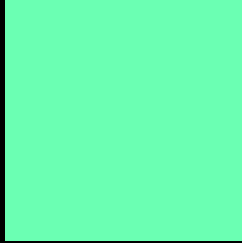
Large Text (above 18pt) WCAG AA × Fail

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 91, 62.237, 156.182 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 91, 62.237, 156.182

Background



This preview shows how black text looks on a background with the CIELCh color 91, 62.237, 156.182.

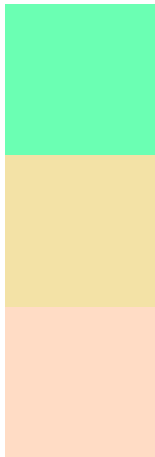


This preview shows how white text looks on a background with the CIELCh color 91, 62.237, 156.182.

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



Original Color
91, 61.700, 156.407

Protanopia
90, 31.619, 95.316

Deuteranopia
90, 18.007, 61.161



Tritanopia
90, 24.817, 216.427

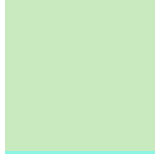
Trichromacy



Original Color
91, 61.700, 156.407



Protanomaly
89, 37.609, 132.890



Deuteranomaly
89, 25.261, 136.257

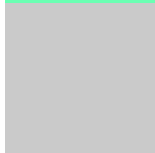


Tritanomaly
90, 33.954, 181.135

Monochromacy



Original Color
91, 61.700, 156.407



Achromatopsia
81, 0.010, 296.813



Achromatomaly
84, 24.034, 161.453

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 62.237, 156.182 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(107, 255, 179)` looks like.

```
.text, #text, p{  
    color:rgb(107, 255, 179)  
}
```

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(107, 255, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 255, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 62.237, 156.182 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(107, 255, 179) }
```

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

```
.border{ border-color:rgb(107, 255, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 255, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(107, 255, 179); -webkit-box-shadow:4px 4px 4px 4px rgb(107, 255, 179); box-shadow:4px 4px 4px 4px rgb(107, 255, 179) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 62.237, 156.182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 255, 179) }
```

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

```
.background{ background-color: rgb(107,  
255, 179) }
```

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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