

Converting Colors

CIELCh(92, 76.245, 133.570)

Have a look what the booklet for
CIELCh(92, 76.245, 133.570)
contains.

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Color

CIELCh(92, 75.869, 133.524)

Conversions

Conversions Part 1

Format	Color
Hex	9FFF79
RGB	159, 255, 121
RGB Percent	62%, 100%, 47%
CMY	0.3775, 0.0000, 0.5267
CMYK	0.38, 0.00, 0.53, 0.00
HSL	103°, 100%, 74%
HSV	103°, 53%, 100%
XYZ	53.6696, 80.7044, 30.7344
YIQ	211.0200, -14.2020, -62.0260

Conversions

Conversions Part 2

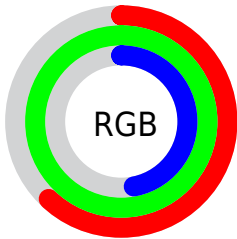
Format	Color
RYB	121, 255, 217
Decimal	10485625
CIELab	92.00, -52.25, 55.01
CIElCh	92, 75.869, 133.524
Yxy	80.7044, 0.3251, 0.4888
Android (android.graphics.Color)	4288675705 (0xFF9FFF79)
YUV	211.0200, -44.3799, -45.6215
Hunter-Lab	89.8356, -50.5729, 42.6007

Details

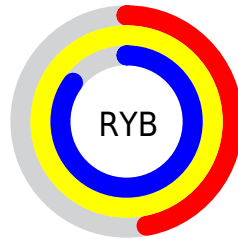
The CIELCh color **92, 75.869, 133.524** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **66, 78.134, 318.441**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 42.213, 126.467**, and **72, 75.658, 133.498** is the 20% darker color. If you saturate the color by 10%, you get **91, 88.006, 133.001**, and if you desaturate by 10%, it is **93, 61.898, 134.058**.

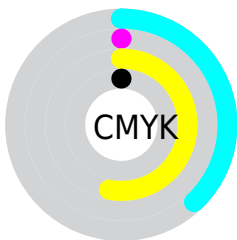
Distribution



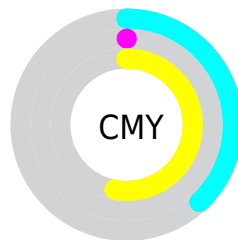
- Red (62%)
- Green (100%)
- Blue (47%)



- Red (47%)
- Yellow (100%)
- Blue (85%)



- Cyan (38%)
- Magenta (0%)
- Yellow (53%)
- Black (0%)





- Cyan (38%)
- Magenta (0%)
- Yellow (53%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 75.869, 133.524 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 92, 75.869, 133.524 by changing the saturation by 10% instead.


 92, 75.869,
133.524


 92, 75.869,
133.524


 100, 75.869,
133.524


 82, 75.869,
133.524

 72, 75.869,
133.524

 62, 75.869,
133.524

 52, 75.869,
133.524

 42, 75.869,
133.524

 32, 75.869,
133.524

 22, 75.869,

133.524

■ 12, 75.869,
133.524

■ 2, 75.869, 133.524

■ 92, 75.869,
133.524

■ 92, 75.869,
133.524

■ 91, 88.006,
133.001

■ 93, 61.898,
134.058

■ 90, 98.923,
132.696

■ 94, 47.682,
134.639

■ 89, 107.587,
132.708

■ 96, 33.137,
135.195

■ 89, 113.471,
133.147

■ 98, 18.482,
135.708

■ 88, 116.151,
133.685

■ 99, 3.873, 136.207
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.



92, 75.869, 133.524



66, 78.134, 318.441

Rectangle

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



92, 75.869, 133.524



92, 75.869, 183.524



92, 75.869, 313.524



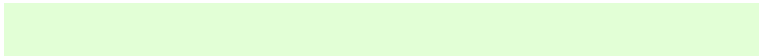
92, 75.869, 3.524

Sweetspot

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



92, 75.479, 133.490



97, 23.357, 135.542



88, 51.890, 88.039



51, 15.777, 135.437



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



92, 75.479, 133.490



91, 88.391, 132.988



91, 70.560, 146.180



52, 8.279, 135.861



68, 93.310, 133.477



23, 41.490, 132.436

Inverse Universe

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



66, 78.134, 318.441



61, 91.813, 318.693



70, 70.299, 334.785



50, 8.343, 316.649



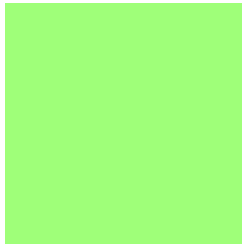
36, 96.168, 317.877



8, 43.981, 318.998

Previews

White Background



This preview shows how the CIELCh color 92, 75.869, 133.524 looks on a white background.

Color Contrast Check

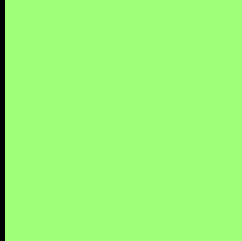
Large Text (above 18pt) WCAG AA × Fail

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 92, 75.869, 133.524 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

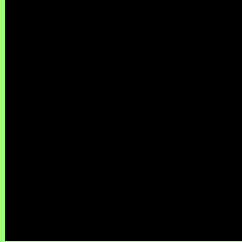
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 92, 75.869, 133.524

Background



This preview shows how black text looks on a background with the CIELCh color 92, 75.869, 133.524.

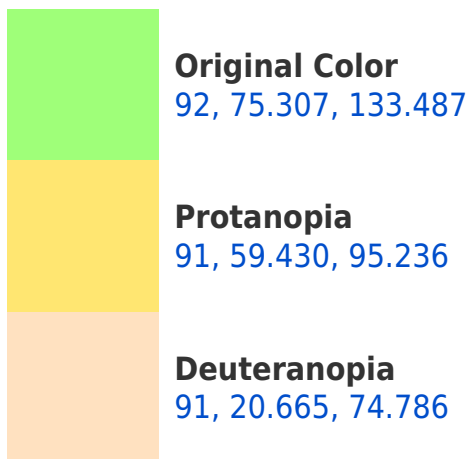



This preview shows how white text looks on a background with the CIELCh color 92, 75.869, 133.524.

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
92, 17.383, 227.164

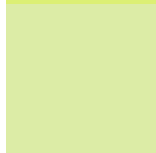
Trichromacy



Original Color
92, 75.307, 133.487



Protanomaly
91, 61.352, 112.513



Deuteranomaly
91, 36.247, 117.145

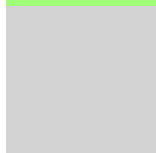


Tritanomaly
91, 30.876, 156.732

Monochromacy



Original Color
92, 75.307, 133.487



Achromatopsia
85, 0.010, 296.813



Achromatomaly
87, 28.683, 135.184

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 75.869, 133.524 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(159, 255, 121)` looks like.

```
.text, #text, p{  
    color:rgb(159, 255, 121)  
}
```

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(159, 255, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 255, 121) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 75.869, 133.524 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(159, 255, 121) }
```

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

```
.border{ border-color:rgb(159, 255, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 255, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 255, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 255, 121);  
box-shadow:4px 4px 4px 4px rgb(159, 255,  
121) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 75.869, 133.524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 255, 121) }
```

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

```
.background{ background-color: rgb(159,  
255, 121) }
```

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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