

Converting Colors

CIELCh(91, 77.063, 115.009)

Have a look what the booklet for
CIELCh(91, 77.063, 115.009)
contains.

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Color

CIELCh(91, 77.160, 115.187)

Conversions

Conversions Part 1

Format	Color
Hex	D0F455
RGB	208, 244, 85
RGB Percent	82%, 96%, 33%
CMY	0.1858, 0.0446, 0.6681
CMYK	0.15, 0.00, 0.65, 0.04
HSL	74°, 87%, 64%
HSV	74°, 65%, 96%
XYZ	59.7702, 78.4833, 20.5160
YIQ	215.1100, 29.5830, -57.0810

Conversions

Conversions Part 2

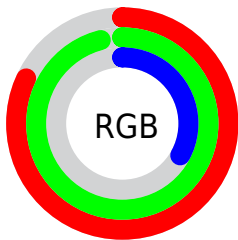
Format	Color
R_{YB}	85, 244, 121
Decimal	13694037
CIE _{Lab}	91.00, -32.84, 69.82
CIE _{LCh}	91, 77.160, 115.187
Yxy	78.4833, 0.3765, 0.4943
Android (android.graphics.Color)	4291884117 (0xFFD0F455)
YUV	215.1100, -64.1442, -6.2355
Hunter-Lab	88.5908, -34.6041, 48.2831

Details

The CIELCh color **91, 77.160, 115.187** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light muted yellow. A complement of this color would be **48, 91.822, 305.326**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 55.849, 105.903**, and **71, 77.340, 115.256** is the 20% darker color. If you saturate the color by 10%, you get **90, 85.659, 115.065**, and if you desaturate by 10%, it is **92, 67.056, 115.556**.

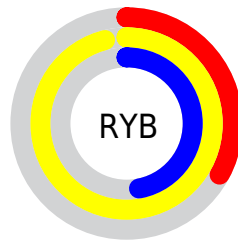
Distribution



Red (82%)

Green (96%)

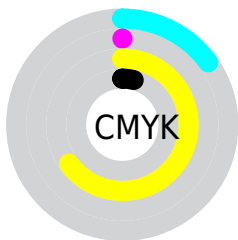
Blue (33%)



Red (33%)

Yellow (96%)

Blue (47%)

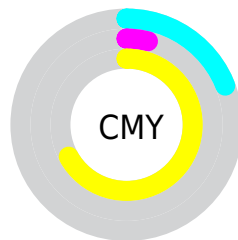


Cyan (15%)

Magenta (0%)

Yellow (65%)

Black (4%)



Cyan (19%)

Magenta (4%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 77.160, 115.187 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, 77.160, 115.187 by changing the saturation by 10% instead.

■ 91, 77.160,
115.187

■ 91, 77.160,
115.187

■ 100, 77.160,
115.187

■ 81, 77.160,
115.187

■ 71, 77.160,
115.187

■ 61, 77.160,
115.187

■ 51, 77.160,
115.187

■ 41, 77.160,
115.187

■ 31, 77.160,
115.187

■ 21, 77.160,

115.187

■ 11, 77.160,
115.187

■ 1, 77.160, 115.187

■ 91, 77.160,
115.187

■ 91, 77.160,
115.187

■ 90, 85.659,
115.065

■ 92, 67.056,
115.556

■ 90, 91.964,
115.287

■ 92, 55.875,
116.079

■ 90, 95.701,
115.932

■ 93, 44.016,
116.691

■ 90, 96.810,
116.348

■ 94, 31.748,
117.347

■ 95, 19.250,
118.014

■ 96, 6.640, 118.676

■ 97, 5.911, 299.437

■ 97, 6.507, 316.380

■ 97, 7.079, 324.644

Harmonies

Complementary

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



91, 77.160, 115.187



48, 91.822, 305.326

Rectangle

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



91, 77.160, 115.187



91, 77.160, 165.187



91, 77.160, 295.187



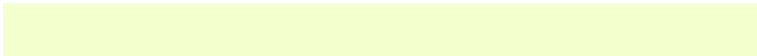
91, 77.160, 345.187

Sweetspot

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



91, 77.161, 115.189



98, 26.141, 117.695



64, 61.099, 42.208



52, 17.815, 117.506



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, 77.161, 115.189



94, 90.839, 115.090



87, 87.745, 132.903



51, 7.202, 118.398



70, 79.028, 116.145



23, 33.942, 115.245

Inverse Universe

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



48, 91.822, 305.326



43, 113.114, 306.653



57, 91.179, 318.722



47, 7.351, 299.659



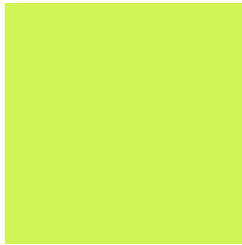
24, 103.689, 307.493



4, 40.592, 304.841

Previews

White Background



This preview shows how the CIELCh color 91, 77.160, 115.187 looks on a white background.

Color Contrast Check

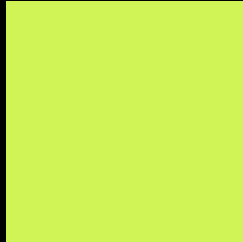
Large Text (above 18pt) WCAG AA × Fail

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, 77.160, 115.187 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, 77.160, 115.187

Background



This preview shows how black text looks on a background with the CIELCh color 91, 77.160, 115.187.



This preview shows how white text looks on a background with the CIELCh color 91, 77.160, 115.187.

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](#).

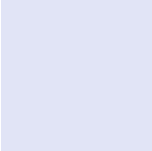
Dichromacy



Original Color
91, 77.160, 115.187

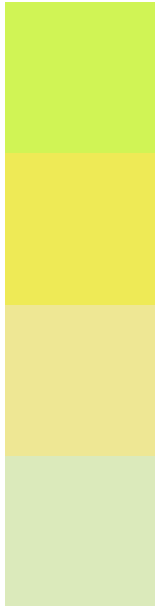
Protanopia
91, 70.096, 95.405

Deuteranopia
91, 24.031, 78.301



Tritanopia
91, 9.381, 284.624

Trichromacy



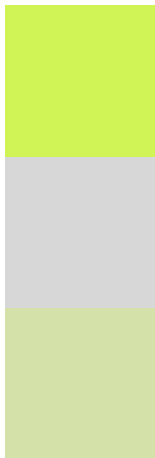
Original Color
91, 77.160, 115.187

Protanomaly
91, 71.436, 103.012

Deuteranomaly
91, 42.322, 102.891

Tritanomaly
91, 24.833, 121.389

Monochromacy



Original Color
91, 77.160, 115.187

Achromatopsia
86, 0.010, 296.813

Achromatomaly
87, 29.855, 117.414

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 77.160, 115.187 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(208, 244, 85)` looks like.

```
.text, #text, p{  
    color:rgb(208, 244, 85)  
}
```

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(208, 244, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 244, 85) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 77.160, 115.187 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(208, 244, 85) }
```

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

```
.border{ border-color:rgb(208, 244, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 244, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 244, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 244, 85);  
box-shadow:4px 4px 4px 4px rgb(208, 244,  
85) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 77.160, 115.187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 244, 85) }
```

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

```
.background{ background-color: rgb(208,  
244, 85) }
```

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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