

Converting Colors

CIELCh(75, 39.469, 145.772)

Have a look what the booklet for
CIELCh(75, 39.469, 145.772)
contains.

CIELCh(75, 39.323, 145.928)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(75, 39.323, 145.928)

Conversions

Conversions Part 1

Format	Color
Hex	86C88F
RGB	134, 200, 143
RGB Percent	53%, 78%, 56%
CMY	0.4750, 0.2162, 0.4397
CMYK	0.33, 0.00, 0.29, 0.22
HSL	128°, 37%, 65%
HSV	128°, 33%, 78%
XYZ	35.3783, 48.2781, 33.3874
YIQ	173.7680, -21.0390, -31.7190

Conversions

Conversions Part 2

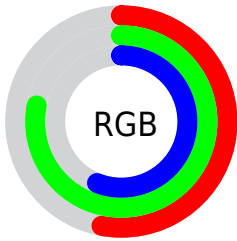
Format	Color
RYB	134, 192, 200
Decimal	8833167
CIELab	75.00, -32.57, 22.03
CIELCh	75, 39.323, 145.928
Yxy	48.2781, 0.3023, 0.4125
Android (android.graphics.Color)	4287023247 (0xFF86C88F)
YUV	173.7680, -15.1686, -34.8765
Hunter-Lab	69.4824, -30.7077, 20.1480

Details

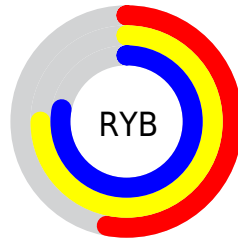
The CIELCh color **75, 39.323, 145.928** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **64, 39.383, 330.389**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 38.040, 146.079**, and **55, 39.773, 145.861** is the 20% darker color. If you saturate the color by 10%, you get **74, 50.856, 144.897**, and if you desaturate by 10%, it is **76, 27.464, 146.820**.

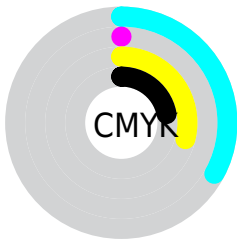
Distribution



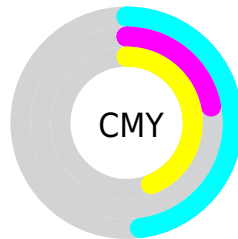
- Red (53%)
- Green (78%)
- Blue (56%)



- Red (53%)
- Yellow (75%)
- Blue (78%)



- Cyan (33%)
- Magenta (0%)
- Yellow (29%)
- Black (22%)





- Cyan (48%)
- Magenta (22%)
- Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 39.323, 145.928 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 75, 39.323, 145.928 by changing the saturation by 10% instead.


 75, 39.323,
145.928


 75, 39.323,
145.928


 100, 39.323,
145.928


 65, 39.323,
145.928


 95, 39.323,
145.928

 55, 39.323,
145.928

 45, 39.323,
145.928

 35, 39.323,
145.928

 25, 39.323,
145.928

 15, 39.323,
145.928

 5, 39.323, 145.928

0, 39.323, 145.928

75, 39.323,
145.928

75, 39.323,
145.928

74, 50.856,
144.897

76, 27.464,
146.820

73, 61.803,
143.718

78, 15.489,
147.592

72, 71.875,
142.400

80, 3.565, 148.309

71, 80.759,
140.976

82, 8.183, 328.753

71, 88.142,
139.516

84, 19.669,
329.257

71, 93.741,
138.130

86, 30.836,
329.680

87, 34.584,

■ 70, 96.562,
137.336

325.627

Harmonies

Complementary

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



75, 39.323, 145.928



64, 39.383, 330.389

Rectangle

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



75, 39.323, 145.928



75, 39.323, 195.928



75, 39.323, 325.928



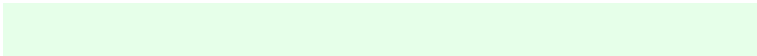
75, 39.323, 15.928

Sweetspot

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



75, 39.324, 145.928



98, 14.472, 147.796



78, 34.803, 112.881



52, 9.882, 147.696



0, 0.000, 0.000



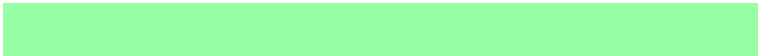
53, 0.007, 296.813

Same Dimension

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



75, 39.324, 145.928



92, 57.762, 145.163



76, 26.780, 168.224



41, 6.704, 147.849



58, 82.689, 137.530



11, 24.891, 146.029

Inverse Universe

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



64, 39.383, 330.389



76, 57.739, 330.856



63, 28.867, 355.089



39, 6.720, 328.931



37, 74.448, 334.463



4, 23.752, 332.079

Previews

White Background



This preview shows how the CIELCh color 75, 39.323, 145.928 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 75, 39.323, 145.928 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 75, 39.323, 145.928

Background



This preview shows how black text looks on a background with the CIELCh color 75, 39.323, 145.928.

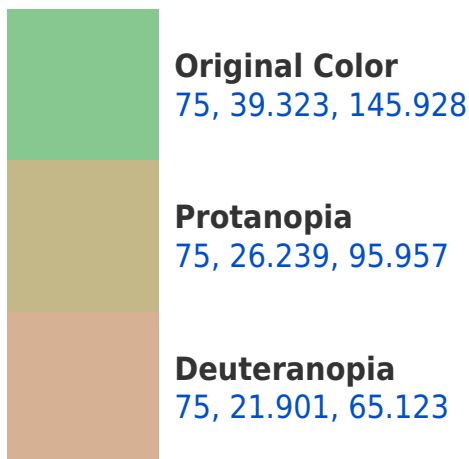


This preview shows how white text looks on a background with the CIELCh color 75, 39.323, 145.928.

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
75, 17.020, 227.006

Trichromacy



Original Color
75, 39.323, 145.928

Protanomaly
75, 28.438, 120.533

Deuteranomaly
74, 20.896, 108.159

Tritanomaly
75, 19.577, 180.173

Monochromacy



Original Color
75, 39.323, 145.928

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 14.209, 148.562

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 39.323, 145.928 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(134, 200, 143)` looks like.

```
.text, #text, p{  
    color:rgb(134, 200, 143)  
}
```

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(134, 200, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 200, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 39.323, 145.928 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(134, 200, 143) }
```

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

```
.border{ border-color:rgb(134, 200, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 200, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 200, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 200, 143);  
box-shadow:4px 4px 4px 4px rgb(134, 200,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 39.323, 145.928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 200, 143) }
```

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

```
.background{ background-color: rgb(134,  
200, 143) }
```

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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