

Converting Colors

CIELCh(75, 44.098, 137.956)

Have a look what the booklet for
CIELCh(75, 44.098, 137.956)
contains.

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Color

CIELCh(75, 44.216, 138.094)

Conversions

Conversions Part 1

Format	Color
Hex	8CC881
RGB	140, 200, 129
RGB Percent	55%, 78%, 51%
CMY	0.4522, 0.2170, 0.4953
CMYK	0.30, 0.00, 0.36, 0.22
HSL	111°, 39%, 64%
HSV	111°, 36%, 78%
XYZ	35.2796, 48.2781, 28.1198
YIQ	173.9660, -12.9690, -34.8010

Conversions

Conversions Part 2

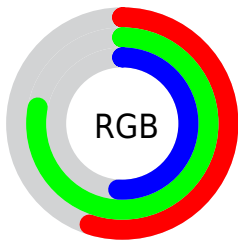
Format	Color
RYB	129, 200, 189
Decimal	9226369
CIELab	75.00, -32.91, 29.53
CIELCh	75, 44.216, 138.094
Yxy	48.2781, 0.3159, 0.4323
Android (android.graphics.Color)	4287416449 (0xFF8CC881)
YUV	173.9660, -22.1682, -29.7882
Hunter-Lab	69.4824, -30.9613, 24.6428

Details

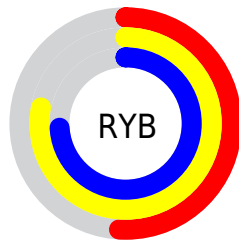
The CIELCh color **75, 44.216, 138.094** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **62, 44.716, 321.754**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 43.204, 137.905**, and **55, 44.381, 138.280** is the 20% darker color. If you saturate the color by 10%, you get **74, 56.206, 137.362**, and if you desaturate by 10%, it is **76, 31.857, 138.769**.

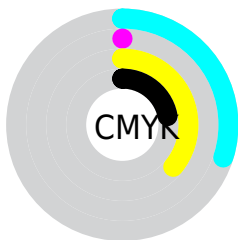
Distribution



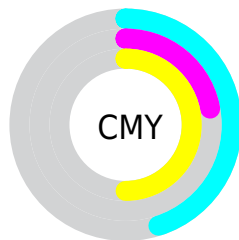
- Red (55%)
- Green (78%)
- Blue (51%)



- Red (51%)
- Yellow (78%)
- Blue (74%)



- Cyan (30%)
- Magenta (0%)
- Yellow (36%)
- Black (22%)





- Cyan (45%)
- Magenta (22%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 44.216, 138.094 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, 44.216, 138.094 by changing the saturation by 10% instead.

 75, 44.216,
138.094

 75, 44.216,
138.094


 100, 44.216,
138.094


 65, 44.216,
138.094


 95, 44.216,
138.094

 55, 44.216,
138.094

 45, 44.216,
138.094

 35, 44.216,
138.094

 25, 44.216,
138.094

 15, 44.216,
138.094

 5, 44.216, 138.094

■ 0, 44.216, 138.094

■ 75, 44.216,
138.094

■ 75, 44.216,
138.094

■ 74, 56.206,
137.362

■ 76, 31.857,
138.769

■ 73, 67.521,
136.606

■ 78, 19.351,
139.373

■ 72, 77.769,
135.892

■ 79, 6.865, 139.918

■ 71, 86.458,
135.324

■ 81, 5.482, 320.299

■ 71, 93.058,
135.031

■ 83, 17.607,
320.714

■ 71, 97.195,
135.113

■ 85, 29.454,
321.050

■ 87, 34.703,

■ 70, 98.487,
135.170

325.631

Harmonies

Complementary

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



75, 44.216, 138.094



62, 44.716, 321.754

Rectangle

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



75, 44.216, 138.094



75, 44.216, 188.094



75, 44.216, 318.094



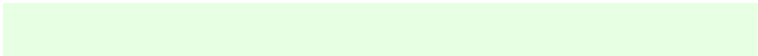
75, 44.216, 8.094

Sweetspot

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



75, 44.217, 138.095



98, 16.663, 139.617



76, 31.807, 98.302



52, 11.204, 139.542



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, 44.217, 138.095



92, 64.847, 137.507



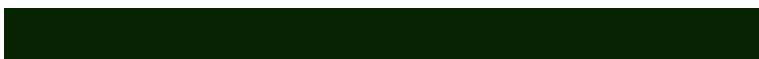
75, 36.445, 152.610



41, 7.014, 139.713



58, 84.664, 135.055



11, 25.468, 140.560

Inverse Universe

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



62, 44.716, 321.754



73, 65.657, 322.084



62, 36.990, 338.397



39, 7.046, 320.555



34, 83.807, 322.374



4, 24.969, 320.474

Previews

White Background



This preview shows how the CIELCh color 75, 44.216, 138.094 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, 44.216, 138.094 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

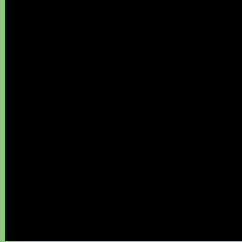
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 44.216, 138.094

Background



This preview shows how black text looks on a background with the CIELCh color 75, 44.216, 138.094.

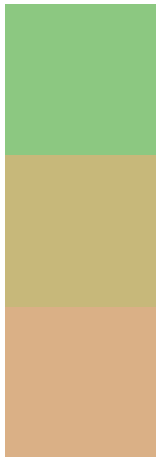


This preview shows how white text looks on a background with the CIELCh color 75, 44.216, 138.094.

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
75, 44.216, 138.094

Protanopia
75, 33.625, 96.190

Deuteranopia
75, 28.928, 70.607



Tritanopia
75, 14.661, 232.361

Trichromacy



Original Color
75, 44.216, 138.094



Protanomaly
75, 35.324, 115.507



Deuteranomaly
74, 28.354, 103.286



Tritanomaly
75, 19.039, 169.082

Monochromacy



Original Color
75, 44.216, 138.094



Achromatopsia
71, 0.009, 296.813



Achromatomaly
72, 15.799, 139.336

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 44.216, 138.094 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(140, 200, 129)` looks like.

```
.text, #text, p{  
    color:rgb(140, 200, 129)  
}
```

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(140, 200, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 200, 129) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 44.216, 138.094 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(140, 200, 129) }
```

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

```
.border{ border-color:rgb(140, 200, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 200, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 200, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 200, 129);  
box-shadow:4px 4px 4px 4px rgb(140, 200,  
129) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 44.216, 138.094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 200, 129) }
```

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

```
.background{ background-color: rgb(140,  
200, 129) }
```

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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