

Converting Colors

CIELCh(78, 54.054, 137.776)

Have a look what the booklet for
CIELCh(78, 54.054, 137.776)
contains.

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Color

CIELCh(78, 54.142, 137.816)

Conversions

Conversions Part 1

Format	Color
Hex	88D37B
RGB	136, 211, 123
RGB Percent	53%, 83%, 48%
CMY	0.4669, 0.1728, 0.5179
CMYK	0.36, 0.00, 0.42, 0.17
HSL	111°, 50%, 65%
HSV	111°, 42%, 83%
XYZ	36.9912, 53.2120, 27.0395
YIQ	178.5430, -16.4520, -43.2680

Conversions

Conversions Part 2

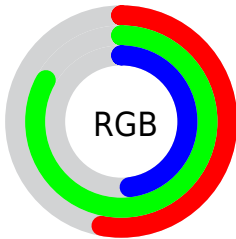
Format	Color
RYB	123, 211, 198
Decimal	8967035
CIELab	78.00, -40.12, 36.36
CIELCh	78, 54.142, 137.816
Yxy	53.2120, 0.3155, 0.4539
Android (android.graphics.Color)	4287157115 (0xFF88D37B)
YUV	178.5430, -27.3827, -37.3102
Hunter-Lab	72.9466, -37.1391, 29.0852

Details

The CIELCh color **78, 54.142, 137.816** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **62, 54.766, 322.232**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 45.939, 137.385**, and **58, 54.345, 137.624** is the 20% darker color. If you saturate the color by 10%, you get **77, 66.294, 137.048**, and if you desaturate by 10%, it is **79, 41.407, 138.542**.

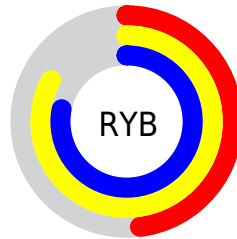
Distribution



Red (53%)

Green (83%)

Blue (48%)



Red (48%)

Yellow (83%)

Blue (78%)

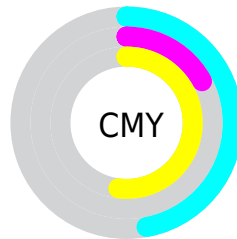


Cyan (36%)

Magenta (0%)

Yellow (42%)

Black (17%)



Cyan (47%)


Magenta (17%)


Yellow (52%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 54.142, 137.816 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 78, 54.142, 137.816 by changing the saturation by 10% instead.


 78, 54.142,
137.816


 78, 54.142,
137.816


 100, 54.142,
137.816


 68, 54.142,
137.816


 98, 54.142,
137.816

 58, 54.142,
137.816

 48, 54.142,
137.816

 38, 54.142,
137.816

 28, 54.142,
137.816

 18, 54.142,
137.816

 8, 54.142, 137.816

0, 54.142, 137.816

78, 54.142,
137.816

78, 54.142,
137.816

77, 66.294,
137.048

79, 41.407,
138.542

76, 77.480,
136.291

81, 28.373,
139.201

75, 87.215,
135.634

82, 15.256,
139.786

75, 94.942,
135.205

84, 2.214, 140.378

74, 100.171,
135.125

86, 10.642,
320.683

74, 102.741,
135.258

88, 23.237,
321.063

■ 89, 27.618,
325.386

Harmonies

Complementary

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



78, 54.142, 137.816



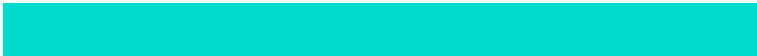
62, 54.766, 322.232

Rectangle

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



78, 54.142, 137.816



78, 54.142, 187.816



78, 54.142, 317.816



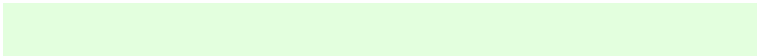
78, 54.142, 7.816

Sweetspot

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



78, 54.143, 137.817



97, 19.758, 139.707



79, 39.536, 98.557



51, 13.839, 139.580



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



78, 54.143, 137.817



91, 74.897, 137.139



78, 43.892, 152.567



43, 7.326, 139.913



60, 86.706, 135.141



13, 29.176, 139.035

Inverse Universe

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



62, 54.766, 322.232



70, 75.769, 322.560



63, 44.665, 339.769



41, 7.358, 320.767



35, 85.661, 322.619



5, 29.823, 322.258

Previews

White Background



This preview shows how the CIELCh color 78, 54.142, 137.816 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 78, 54.142, 137.816 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 78, 54.142, 137.816

Background



This preview shows how black text looks on a background with the CIELCh color 78, 54.142, 137.816.



This preview shows how white text looks on a background with the CIELCh color 78, 54.142, 137.816.

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](#).

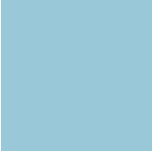
Dichromacy



Original Color
78, 54.142, 137.816

Protanopia
78, 40.679, 95.644

Deuteranopia
78, 35.514, 74.318



Tritanopia
78, 17.426, 228.086

Trichromacy



Original Color
78, 54.142, 137.816



Protanomaly
77, 42.240, 115.272



Deuteranomaly
77, 35.285, 105.529

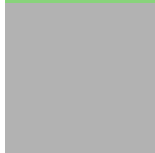


Tritanomaly
78, 23.542, 167.587

Monochromacy



Original Color
78, 54.142, 137.816



Achromatopsia
73, 0.009, 296.813



Achromatomaly
74, 20.132, 139.261

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 54.142, 137.816 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(136, 211, 123)` looks like.

```
.text, #text, p{  
    color:rgb(136, 211, 123)  
}
```

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(136, 211, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 211, 123) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 54.142, 137.816 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(136, 211, 123) }
```

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

```
.border{ border-color:rgb(136, 211, 123) }
```

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

Here you see how a box with a 4 pixel rgb(136, 211, 123) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 211, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 211, 123);  
box-shadow:4px 4px 4px 4px rgb(136, 211,  
123) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 54.142, 137.816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 211, 123) }
```

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

```
.background{ background-color: rgb(136,  
211, 123) }
```

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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