

Converting Colors

CIELCh(77, 53.754, 138.942)

Have a look what the booklet for
CIELCh(77, 53.754, 138.942)
contains.

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Color

CIELCh(77, 53.779, 138.907)

Conversions

Conversions Part 1

Format	Color
Hex	83D07A
RGB	131, 208, 122
RGB Percent	51%, 82%, 48%
CMY	0.4850, 0.1830, 0.5204
CMYK	0.37, 0.00, 0.41, 0.18
HSL	114°, 48%, 65%
HSV	114°, 41%, 82%
XYZ	35.5743, 51.5317, 26.5807
YIQ	175.1730, -18.2860, -43.0700

Conversions

Conversions Part 2

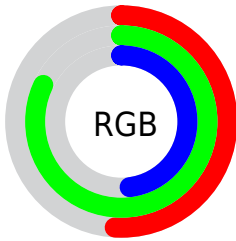
Format	Color
RYB	122, 208, 199
Decimal	8638586
CIELab	77.00, -40.53, 35.35
CIElCh	77, 53.779, 138.907
Yxy	51.5317, 0.3129, 0.4533
Android (android.graphics.Color)	4286828666 (0xFF83D07A)
YUV	175.1730, -26.2143, -38.7397
Hunter-Lab	71.7856, -37.1668, 28.2961

Details

The CIELCh color **77, 53.779, 138.907** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **62, 54.150, 323.516**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 47.737, 138.481**, and **57, 53.543, 138.942** is the 20% darker color. If you saturate the color by 10%, you get **76, 65.954, 138.063**, and if you desaturate by 10%, it is **78, 41.003, 139.691**.

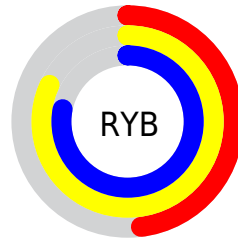
Distribution



Red (51%)

Green (82%)

Blue (48%)



Red (48%)

Yellow (82%)

Blue (78%)

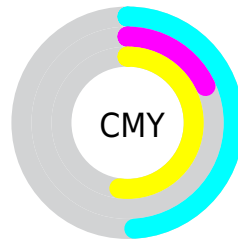


Cyan (37%)

Magenta (0%)

Yellow (41%)

Black (18%)



Cyan (49%)

Magenta (18%)

Yellow (52%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 53.779, 138.907 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 77, 53.779, 138.907 by changing the saturation by 10% instead.

 77, 53.779,
138.907

 77, 53.779,
138.907


 100, 53.779,
138.907


 67, 53.779,
138.907


 97, 53.779,
138.907

 57, 53.779,
138.907

 47, 53.779,
138.907

 37, 53.779,
138.907

 27, 53.779,
138.907

 17, 53.779,
138.907

 7, 53.779, 138.907

0, 53.779, 138.907

77, 53.779,
138.907

77, 53.779,
138.907

76, 65.954,
138.063

78, 41.003,
139.691

75, 77.135,
137.205

80, 27.918,
140.391

74, 86.838,
136.422

81, 14.753,
141.008

74, 94.507,
135.838

83, 1.671, 141.661

73, 99.658,
135.581

85, 11.210,
321.944

73, 102.214,
135.569

88, 23.811,
322.337

■ 89, 29.261,
325.443

Harmonies

Complementary

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



77, 53.779, 138.907



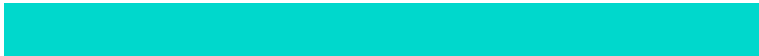
62, 54.150, 323.516

Rectangle

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



77, 53.779, 138.907



77, 53.779, 188.907



77, 53.779, 318.907



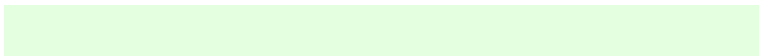
77, 53.779, 8.907

Sweetspot

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



77, 53.780, 138.908



97, 18.478, 140.959



79, 39.938, 100.504



52, 12.265, 140.881



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



77, 53.780, 138.908



91, 75.839, 138.124



77, 41.898, 154.025



43, 7.425, 141.117



60, 87.105, 135.481



13, 29.561, 139.944

Inverse Universe

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



62, 54.150, 323.516



70, 76.280, 323.879



62, 42.863, 341.376



41, 7.451, 322.013



37, 85.263, 324.203



5, 30.220, 323.930

Previews

White Background



This preview shows how the CIELCh color 77, 53.779, 138.907 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 77, 53.779, 138.907 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 77, 53.779, 138.907

Background



This preview shows how black text looks on a background with the CIELCh color 77, 53.779, 138.907.



This preview shows how white text looks on a background with the CIELCh color 77, 53.779, 138.907.

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
77, 53.779, 138.907

Protanopia
77, 39.783, 95.419

Deuteranopia
77, 34.019, 73.632

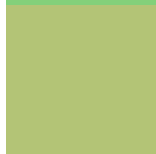


Tritanopia
77, 18.035, 225.050

Trichromacy



Original Color
77, 53.779, 138.907



Protanomaly
76, 41.421, 116.072



Deuteranomaly
76, 33.827, 106.270



Tritanomaly
77, 24.416, 168.601

Monochromacy



Original Color
77, 53.779, 138.907



Achromatopsia
71, 0.009, 296.813



Achromatomaly
73, 19.933, 140.916

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 53.779, 138.907 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(131, 208, 122)` looks like.

```
.text, #text, p{  
    color:rgb(131, 208, 122)  
}
```

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(131, 208, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 208, 122) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 53.779, 138.907 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(131, 208, 122) }
```

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

```
.border{ border-color:rgb(131, 208, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 208, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 208, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 208, 122);  
box-shadow:4px 4px 4px 4px rgb(131, 208,  
122) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 53.779, 138.907 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 208, 122) }
```

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

```
.background{ background-color: rgb(131,  
208, 122) }
```

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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