

Converting Colors

CIELCh(78, 46.265, 137.595)

Have a look what the booklet for
CIELCh(78, 46.265, 137.595)
contains.

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Color

CIELCh(78, 46.682, 137.601)

Conversions

Conversions Part 1

Format	Color
Hex	92D185
RGB	146, 209, 133
RGB Percent	57%, 82%, 52%
CMY	0.4287, 0.1816, 0.4796
CMYK	0.30, 0.00, 0.36, 0.18
HSL	110°, 45%, 67%
HSV	110°, 36%, 82%
XYZ	38.7341, 53.2120, 30.3122
YIQ	181.4990, -13.1520, -36.9920

Conversions

Conversions Part 2

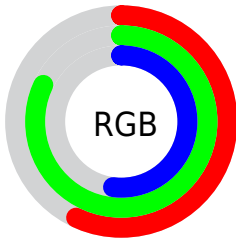
Format	Color
RYB	133, 209, 196
Decimal	9621893
CIELab	78.00, -34.47, 31.48
CIELCh	78, 46.682, 137.601
Yxy	53.2120, 0.3168, 0.4352
Android (android.graphics.Color)	4287811973 (0xFF92D185)
YUV	181.4990, -23.9100, -31.1326
Hunter-Lab	72.9466, -32.8742, 26.4252

Details

The CIELCh color **78, 46.682, 137.601** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **64, 47.293, 321.303**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 39.723, 136.829**, and **58, 46.701, 137.388** is the 20% darker color. If you saturate the color by 10%, you get **77, 59.005, 136.887**, and if you desaturate by 10%, it is **79, 33.959, 138.266**.

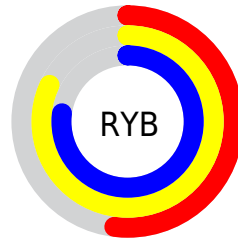
Distribution



Red (57%)

Green (82%)

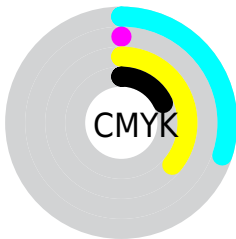
Blue (52%)



Red (52%)

Yellow (82%)

Blue (77%)

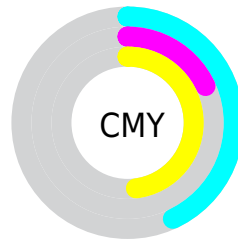


Cyan (30%)

Magenta (0%)

Yellow (36%)

Black (18%)



Cyan (43%)


Magenta (18%)


Yellow (48%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 46.682, 137.601 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, 46.682, 137.601 by changing the saturation by 10% instead.


 78, 46.682,
137.601


 78, 46.682,
137.601


 100, 46.682,
137.601


 68, 46.682,
137.601


 98, 46.682,
137.601

 58, 46.682,
137.601

 48, 46.682,
137.601

 38, 46.682,
137.601

 28, 46.682,
137.601

 18, 46.682,
137.601

 8, 46.682, 137.601

■ 0, 46.682, 137.601

■ 78, 46.682,
137.601

■ 78, 46.682,
137.601

■ 77, 59.005,
136.887

■ 79, 33.959,
138.266

■ 76, 70.607,
136.160

■ 81, 21.069,
138.865

■ 75, 81.073,
135.491

■ 83, 8.185, 139.404

■ 74, 89.885,
134.991

■ 84, 4.567, 319.780

■ 74, 96.496,
134.788

■ 86, 17.101,
320.205

■ 74, 100.563,
134.968

■ 88, 28.060,
322.050

■ 89, 29.036,

■ 73,101.621,
135.040

325.435

Harmonies

Complementary

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



78, 46.682, 137.601



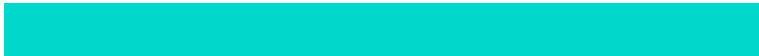
64, 47.293, 321.303

Rectangle

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



78, 46.682, 137.601



78, 46.682, 187.601



78, 46.682, 317.601



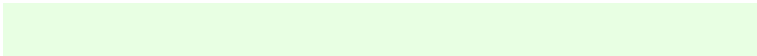
78, 46.682, 7.601

Sweetspot

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



78, 46.683, 137.602



98, 16.580, 139.155



79, 33.244, 97.173



52, 11.148, 139.081



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, 46.683, 137.602



92, 65.962, 137.025



78, 39.171, 151.841



43, 7.273, 139.246



60, 86.446, 134.914



13, 28.974, 138.541

Inverse Universe

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



64, 47.293, 321.303



73, 66.926, 321.627



65, 39.686, 337.721



41, 7.309, 320.080



35, 85.911, 321.781



4, 29.602, 321.333

Previews

White Background



This preview shows how the CIELCh color 78, 46.682, 137.601 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, 46.682, 137.601 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, 46.682, 137.601

Background



This preview shows how black text looks on a background with the CIELCh color 78, 46.682, 137.601.



This preview shows how white text looks on a background with the CIELCh color 78, 46.682, 137.601.

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, 46.682, 137.601

Protanopia
78, 35.585, 95.404

Deuteranopia
78, 30.947, 71.601



Tritanopia
78, 15.357, 232.728

Trichromacy



Original Color
78, 46.682, 137.601



Protanomaly
78, 37.044, 114.362



Deuteranomaly
77, 30.225, 103.472

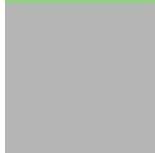


Tritanomaly
78, 19.776, 168.738

Monochromacy



Original Color
78, 46.682, 137.601



Achromatopsia
74, 0.009, 296.813



Achromatomaly
75, 17.461, 138.747

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 46.682, 137.601 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(146, 209, 133)` looks like.

```
.text, #text, p{  
    color:rgb(146, 209, 133)  
}
```

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(146, 209, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 209, 133) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 46.682, 137.601 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(146, 209, 133) }
```

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

```
.border{ border-color:rgb(146, 209, 133) }
```

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

Here you see how a box with a 4 pixel rgb(146, 209, 133) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 209, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 209, 133);  
box-shadow:4px 4px 4px 4px rgb(146, 209,  
133) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 46.682, 137.601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 209, 133) }
```

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

```
.background{ background-color: rgb(146,  
209, 133) }
```

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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