

Converting Colors

CIELCh(83, 56.265, 135.346)

Have a look what the booklet for
CIELCh(83, 56.265, 135.346)
contains.

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Color

CIELCh(83, 56.245, 135.562)

Conversions

Conversions Part 1

Format	Color
Hex	98E182
RGB	152, 225, 130
RGB Percent	60%, 88%, 51%
CMY	0.4038, 0.1175, 0.4900
CMYK	0.32, 0.00, 0.42, 0.12
HSL	106°, 61%, 70%
HSV	106°, 42%, 88%
XYZ	43.9233, 62.1629, 30.8154
YIQ	192.3430, -13.0130, -45.0210

Conversions

Conversions Part 2

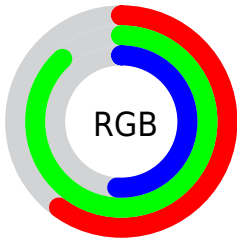
Format	Color
RYB	130, 225, 203
Decimal	10019202
CIELab	83.00, -40.16, 39.38
CIElCh	83, 56.245, 135.562
Yxy	62.1629, 0.3208, 0.4541
Android (android.graphics.Color)	4288209282 (0xFF98E182)
YUV	192.3430, -30.7351, -35.3808
Hunter-Lab	78.8435, -38.5346, 32.0174

Details

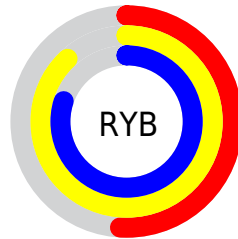
The CIELCh color $83, 56.245, 135.562$ is a light color, and the websafe version is hex $99CC66$. A complement of this color would be $65, 57.488, 319.672$, and the grayscale version is $78, 0.009, 296.813$.

A 20% lighter version of the original color is $95, 39.859, 132.769$, and $63, 56.063, 135.730$ is the 20% darker color. If you saturate the color by 10%, you get $82, 68.747, 134.926$, and if you desaturate by 10%, it is $84, 43.171, 136.191$.

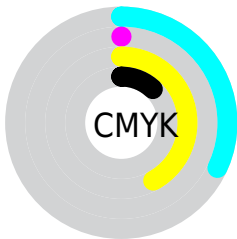
Distribution



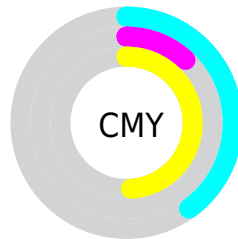
- Red (60%)
- Green (88%)
- Blue (51%)



- Red (51%)
- Yellow (88%)
- Blue (80%)



- Cyan (32%)
- Magenta (0%)
- Yellow (42%)
- Black (12%)





- Cyan (40%)
- Magenta (12%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 83, 56.245, 135.562 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 83, 56.245, 135.562 by changing the saturation by 10% instead.


 83, 56.245,
135.562


 83, 56.245,
135.562


 100, 56.245,
135.562


 73, 56.245,
135.562

 63, 56.245,
135.562

 53, 56.245,
135.562

 43, 56.245,
135.562

 33, 56.245,
135.562

 23, 56.245,
135.562

 13, 56.245,

135.562

■ 3, 56.245, 135.562

■ 0, 56.245, 135.562

■ 83, 56.245,
135.562

■ 83, 56.245,
135.562

■ 82, 68.747,
134.926

■ 84, 43.171,
136.191

■ 81, 80.292,
134.342

■ 86, 29.801,
136.778

■ 80, 90.382,
133.908

■ 87, 16.342,
137.311

■ 80, 98.436,
133.751

■ 89, 2.941, 137.838

■ 79, 103.954,

■ 91, 10.297,
318.149

133.988

93, 18.736,
325.075

79, 106.623,
134.380

Harmonies

Complementary

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



83, 56.245, 135.562



65, 57.488, 319.672

Rectangle

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



83, 56.245, 135.562



83, 56.245, 185.562



83, 56.245, 315.562



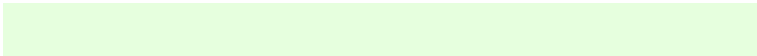
83, 56.245, 5.562

Sweetspot

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



83, 56.246, 135.563



97, 19.253, 137.267



82, 39.164, 93.150



52, 13.483, 137.152



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



83, 56.246, 135.563



92, 74.407, 134.980



82, 49.931, 149.271



46, 7.568, 137.451



63, 88.519, 134.210



17, 33.290, 135.261

Inverse Universe

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



65, 57.488, 319.672



68, 76.268, 319.994



67, 50.292, 336.028



44, 7.616, 318.250



35, 89.577, 319.640



6, 35.246, 320.265

Previews

White Background



This preview shows how the CIELCh color 83, 56.245, 135.562 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 83, 56.245, 135.562 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 83, 56.245, 135.562

Background



This preview shows how black text looks on a background with the CIELCh color 83, 56.245, 135.562.



This preview shows how white text looks on a background with the CIELCh color 83, 56.245, 135.562.

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](#).

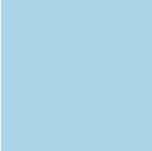
Dichromacy



Original Color
83, 56.245, 135.562

Protanopia
83, 43.755, 95.885

Deuteranopia
83, 38.233, 74.296



Tritanopia
83, 16.769, 231.185

Trichromacy



Original Color
83, 56.245, 135.562



Protanomaly
82, 45.161, 114.017



Deuteranomaly
82, 37.999, 103.701

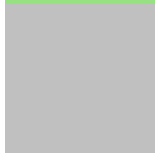


Tritanomaly
83, 22.786, 165.508

Monochromacy



Original Color
83, 56.245, 135.562



Achromatopsia
78, 0.009, 296.813



Achromatomaly
79, 21.249, 137.149

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 56.245, 135.562 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(152, 225, 130)` looks like.

```
.text, #text, p{  
    color:rgb(152, 225, 130)  
}
```

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(152, 225, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 225, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 56.245, 135.562 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(152, 225, 130) }
```

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

```
.border{ border-color:rgb(152, 225, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 225, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 225, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 225, 130);  
box-shadow:4px 4px 4px 4px rgb(152, 225,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 56.245, 135.562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 225, 130) }
```

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

```
.background{ background-color: rgb(152,  
225, 130) }
```

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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