

Converting Colors

CIELCh(83, 43.599, 147.203)

Have a look what the booklet for
CIELCh(83, 43.599, 147.203)
contains.

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Color

CIELCh(83, 43.424, 147.208)

Conversions

Conversions Part 1

Format	Color
Hex	93E0A1
RGB	147, 224, 161
RGB Percent	58%, 88%, 63%
CMY	0.4231, 0.1211, 0.3682
CMYK	0.34, 0.00, 0.28, 0.12
HSL	131°, 55%, 73%
HSV	131°, 34%, 88%
XYZ	45.1811, 62.1629, 43.3853
YIQ	193.7950, -25.6690, -35.9170

Conversions

Conversions Part 2

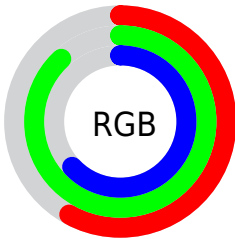
Format	Color
RYB	147, 212, 224
Decimal	9691297
CIELab	83.00, -36.50, 23.52
CIELCh	83, 43.424, 147.208
Yxy	62.1629, 0.2998, 0.4124
Android (android.graphics.Color)	4287881377 (0xFF93E0A1)
YUV	193.7950, -16.1679, -41.0392
Hunter-Lab	78.8435, -35.6869, 22.5649

Details

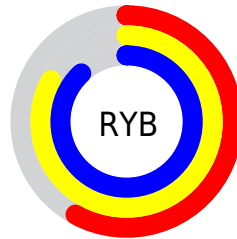
The CIELCh color $83, 43.424, 147.208$ is a light color, and the websafe version is hex $66CC99$. A complement of this color would be $70, 43.556, 332.086$, and the grayscale version is $78, 0.009, 296.813$.

A 20% lighter version of the original color is $96, 27.280, 150.844$, and $63, 43.268, 147.227$ is the 20% darker color. If you saturate the color by 10%, you get $82, 55.600, 146.123$, and if you desaturate by 10%, it is $85, 30.869, 148.146$.

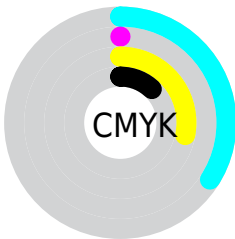
Distribution



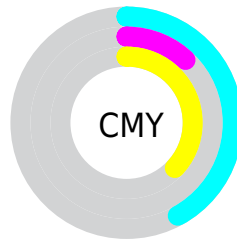
- Red (58%)
- Green (88%)
- Blue (63%)



- Red (58%)
- Yellow (83%)
- Blue (88%)



- Cyan (34%)
- Magenta (0%)
- Yellow (28%)
- Black (12%)




- Cyan (42%)
- Magenta (12%)
- Yellow (37%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 43.424, 147.208 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, 43.424, 147.208 by changing the saturation by 10% instead.

 83, 43.424,
147.208

 83, 43.424,
147.208

 100, 43.424,
147.208


 73, 43.424,
147.208

 63, 43.424,
147.208

 53, 43.424,
147.208

 43, 43.424,
147.208

 33, 43.424,
147.208

 23, 43.424,
147.208

 13, 43.424,

147.208

■ 3, 43.424, 147.208

■ 0, 43.424, 147.208

■ 83, 43.424,
147.208

■ 83, 43.424,
147.208

■ 82, 55.600,
146.123

■ 85, 30.869,
148.146

■ 81, 67.125,
144.880

■ 86, 18.158,
148.957

■ 80, 77.708,
143.481

■ 88, 5.476, 149.690


■ 79, 87.051,
141.949


■ 90, 7.041, 330.178


■ 92, 18.402,
327.096

■ 79, 94.870,

140.346

 93, 19.318,
325.096

 78, 100.928,
138.775

 78, 103.569,
137.998

Harmonies

Complementary

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



83, 43.424, 147.208



70, 43.556, 332.086

Rectangle

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



83, 43.424, 147.208



83, 43.424, 197.208



83, 43.424, 327.208



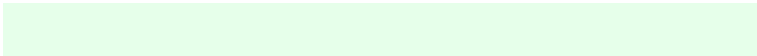
83, 43.424, 17.208

Sweetspot

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



83, 43.426, 147.208



98, 14.009, 149.274



87, 39.822, 114.208



52, 9.566, 149.171



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, 43.426, 147.208



92, 57.243, 146.472



84, 29.738, 170.211



46, 7.168, 149.319



63, 85.923, 138.250



16, 32.113, 142.749

Inverse Universe

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



70, 43.556, 332.086



76, 57.313, 332.556



69, 32.547, 357.587



44, 7.189, 330.452



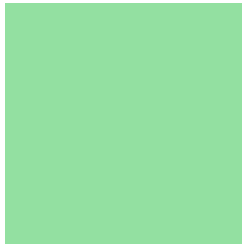
40, 75.984, 337.030



7, 31.768, 335.342

Previews

White Background



This preview shows how the CIELCh color 83, 43.424, 147.208 looks on a white background.

Color Contrast Check

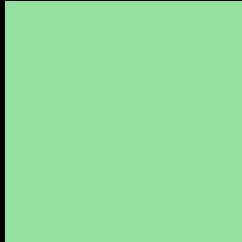
Large Text (above 18pt) WCAG AA × Fail

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, 43.424, 147.208 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, 43.424, 147.208

Background



This preview shows how black text looks on a background with the CIELCh color 83, 43.424, 147.208.

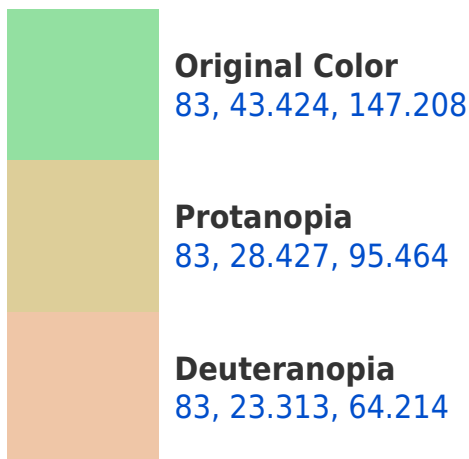


This preview shows how white text looks on a background with the CIELCh color 83, 43.424, 147.208.

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



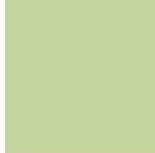


Tritanopia
83, 19.327, 226.259

Trichromacy



Original Color
83, 43.424, 147.208



Protanomaly
83, 30.661, 121.572



Deuteranomaly
82, 22.049, 109.234

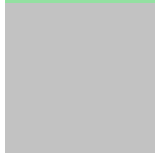


Tritanomaly
83, 22.172, 181.131

Monochromacy



Original Color
83, 43.424, 147.208



Achromatopsia
78, 0.009, 296.813



Achromatomaly
80, 16.096, 148.908

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 43.424, 147.208 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(147, 224, 161)` looks like.

```
.text, #text, p{  
    color:rgb(147, 224, 161)  
}
```

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(147, 224, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 224, 161) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 43.424, 147.208 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(147, 224, 161) }
```

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

```
.border{ border-color:rgb(147, 224, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 224, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 224, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 224, 161);  
box-shadow:4px 4px 4px 4px rgb(147, 224,  
161) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 43.424, 147.208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 224, 161) }
```

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

```
.background{ background-color: rgb(147,  
224, 161) }
```

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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