

Converting Colors

CIELCh(87, 31.299, 144.193)

Have a look what the booklet for
CIELCh(87, 31.299, 144.193)
contains.

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Color

CIELCh(87, 31.715, 144.042)

Conversions

Conversions Part 1

Format	Color
Hex	B4E7B6
RGB	180, 231, 182
RGB Percent	71%, 91%, 71%
CMY	0.2953, 0.0953, 0.2875
CMYK	0.22, 0.00, 0.21, 0.10
HSL	122°, 51%, 80%
HSV	122°, 22%, 90%
XYZ	55.6510, 70.0064, 54.6716
YIQ	210.1650, -14.6670, -26.0510

Conversions

Conversions Part 2

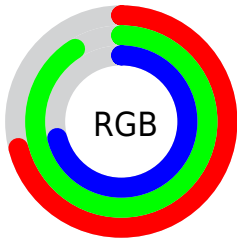
Format	Color
RYB	180, 229, 231
Decimal	11855798
CIELab	87.00, -25.67, 18.62
CIELCh	87, 31.715, 144.042
Yxy	70.0064, 0.3086, 0.3882
Android (android.graphics.Color)	4290045878 (0xFFB4E7B6)
YUV	210.1650, -13.8853, -26.4547
Hunter-Lab	83.6698, -27.6972, 19.8276

Details

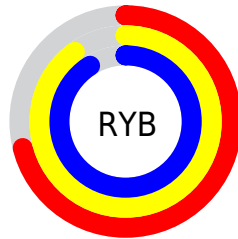
The CIELCh color $87, 31.715, 144.042$ is a light color, and the websafe version is hex `CCFFCC`. A complement of this color would be $79, 31.742, 326.738$, and the grayscale version is $84, 0.010, 296.813$.

A 20% lighter version of the original color is $98, 11.003, 147.008$, and $67, 31.605, 144.201$ is the 20% darker color. If you saturate the color by 10%, you get $85, 45.989, 143.183$, and if you desaturate by 10%, it is $89, 17.309, 144.783$.

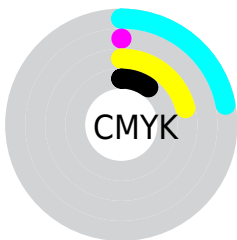
Distribution



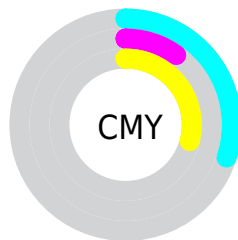
- Red (71%)
- Green (91%)
- Blue (71%)



- Red (71%)
- Yellow (90%)
- Blue (91%)



- Cyan (22%)
- Magenta (0%)
- Yellow (21%)
- Black (10%)





- Cyan (30%)
- Magenta (10%)
- Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 87, 31.715, 144.042 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 87, 31.715, 144.042 by changing the saturation by 10% instead.


 87, 31.715,
144.042


 87, 31.715,
144.042


 100, 31.715,
144.042


 77, 31.715,
144.042

 67, 31.715,
144.042

 57, 31.715,
144.042


 47, 31.715,
144.042

 37, 31.715,
144.042


 27, 31.715,
144.042


 17, 31.715,


144.042


 7, 31.715, 144.042


 0, 31.715, 144.042

 87, 31.715,
144.042


 87, 31.715,
144.042


 85, 45.989,
143.183

 89, 17.309,
144.783


 84, 59.841,
142.193

 91, 2.981, 145.489

 83, 72.918,
141.081

 93, 11.115,
325.890

 82, 84.787,
139.878

 94, 15.188,
324.949

 81, 94.953,

138.657

■ 81, 102.889,
137.537

■ 80, 108.151,
136.662

■ 80, 110.387,
136.257

Harmonies

Complementary

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



87, 31.715, 144.042



79, 31.742, 326.738

Rectangle

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



87, 31.715, 144.042



87, 31.715, 194.042



87, 31.715, 324.042



87, 31.715, 14.042

Sweetspot

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



87, 31.717, 144.042



98, 10.819, 145.124



90, 26.213, 109.459



52, 7.033, 145.084



0, 0.000, 0.000



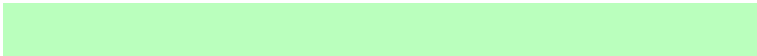
53, 0.007, 296.813

Same Dimension

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



87, 31.717, 144.042



94, 42.014, 143.624



88, 21.976, 163.480



47, 8.074, 144.963



63, 90.914, 136.348



17, 36.041, 139.498

Inverse Universe

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



79, 31.742, 326.738



84, 42.030, 327.021



78, 22.702, 347.521



45, 8.087, 326.015



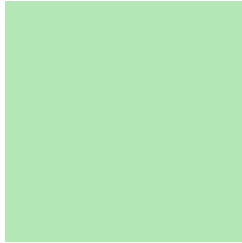
42, 85.754, 329.853



8, 36.157, 329.594

Previews

White Background



This preview shows how the CIELCh color 87, 31.715, 144.042 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 87, 31.715, 144.042 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

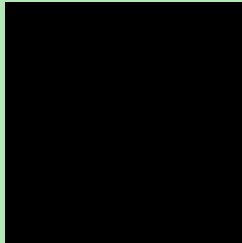
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

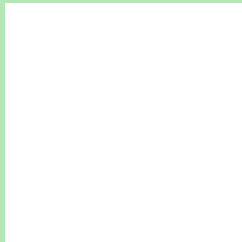
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 87, 31.715, 144.042

Background



This preview shows how black text looks on a background with the CIELCh color 87, 31.715, 144.042.

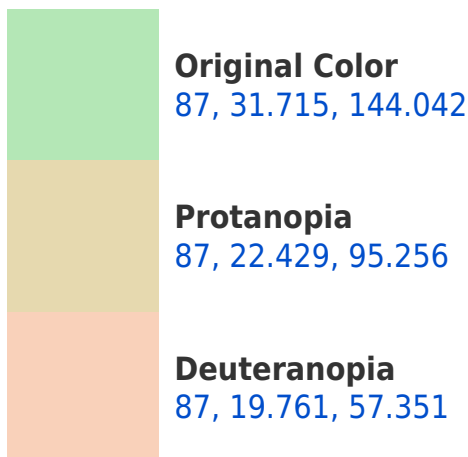


This preview shows how white text looks on a background with the CIELCh color 87, 31.715, 144.042.

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
87, 13.923, 238.755

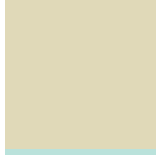
Trichromacy



Original Color
87, 31.715, 144.042



Protanomaly
87, 23.663, 117.513



Deuteranomaly
86, 17.390, 99.845

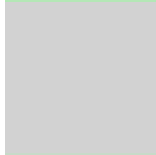


Tritanomaly
87, 14.397, 183.647

Monochromacy



Original Color
87, 31.715, 144.042



Achromatopsia
84, 0.010, 296.813



Achromatomaly
85, 11.768, 145.388

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 31.715, 144.042 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(180, 231, 182)` looks like.

```
.text, #text, p{  
    color:rgb(180, 231, 182)  
}
```

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(180, 231, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 231, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 31.715, 144.042 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(180, 231, 182) }
```

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

```
.border{ border-color:rgb(180, 231, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 231, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(180, 231, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(180, 231, 182); box-shadow:4px 4px 4px 4px rgb(180, 231, 182) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 31.715, 144.042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 231, 182) }
```

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

```
.background{ background-color: rgb(180,  
231, 182) }
```

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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