

Converting Colors

CIELCh(87, 22.995, 143.137)

Have a look what the booklet for
CIELCh(87, 22.995, 143.137)
contains.

CIELCh(87, 22.824, 142.761)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(87, 22.824, 142.761)

Conversions

Conversions Part 1

Format	Color
Hex	C0E3BF
RGB	192, 227, 191
RGB Percent	75%, 89%, 75%
CMY	0.2465, 0.1092, 0.2504
CMYK	0.15, 0.00, 0.16, 0.11
HSL	118°, 39%, 82%
HSV	118°, 16%, 89%
XYZ	58.6989, 70.0064, 59.7873
YIQ	212.4310, -9.3040, -18.6160

Conversions

Conversions Part 2

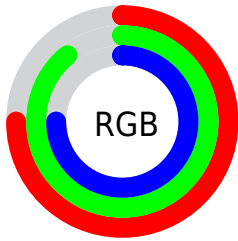
Format	Color
RYB	191, 227, 226
Decimal	12641215
CIELab	87.00, -18.17, 13.81
CIELCh	87, 22.824, 142.761
Yxy	70.0064, 0.3114, 0.3714
Android (android.graphics.Color)	4290831295 (0xFFC0E3BF)
YUV	212.4310, -10.5655, -17.9180
Hunter-Lab	83.6698, -21.1948, 16.2025

Details

The CIELCh color **87, 22.824, 142.761** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **81, 22.866, 324.531**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 4.590, 137.211**, and **67, 22.936, 143.202** is the 20% darker color. If you saturate the color by 10%, you get **85, 37.285, 142.020**, and if you desaturate by 10%, it is **89, 8.374, 143.411**.

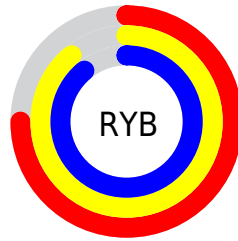
Distribution



Red (75%)

Green (89%)

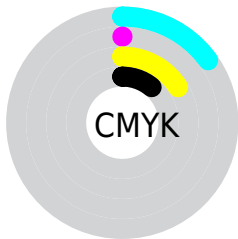
Blue (75%)



Red (75%)

Yellow (89%)

Blue (89%)

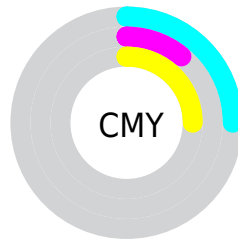


Cyan (15%)

Magenta (0%)

Yellow (16%)

Black (11%)



Cyan (25%)


Magenta (11%)


Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 87, 22.824, 142.761 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, 22.824, 142.761 by changing the saturation by 10% instead.


 87, 22.824,
142.761


 87, 22.824,
142.761


 100, 22.824,
142.761


 77, 22.824,
142.761

 67, 22.824,
142.761

 57, 22.824,
142.761

 47, 22.824,
142.761

 37, 22.824,
142.761


 27, 22.824,
142.761


 17, 22.824,


142.761

 7, 22.824, 142.761


 0, 22.824, 142.761

 87, 22.824,
142.761


 87, 22.824,
142.761


 85, 37.285,
142.020


 89, 8.374, 143.411

 84, 51.512,
141.168

 91, 5.899, 323.865


 93, 17.415,
325.028


 82, 65.191,
140.208


 81, 77.915,
139.167


 80, 89.186,

138.110

 80, 98.420,
137.145

 79, 105.039,
136.418

 79, 108.708,
136.045

 79, 109.615,
135.927

Harmonies

Complementary

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



87, 22.824, 142.761



81, 22.866, 324.531

Rectangle

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



87, 22.824, 142.761



87, 22.824, 192.761



87, 22.824, 322.761



87, 22.824, 12.761

Sweetspot

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



87, 22.826, 142.761



99, 7.852, 143.464



89, 18.003, 107.239



53, 5.360, 143.419



0, 0.000, 0.000



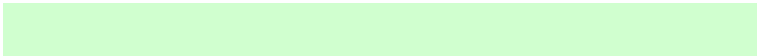
53, 0.007, 296.813

Same Dimension

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



87, 22.826, 142.761



96, 30.081, 142.531



87, 16.395, 160.585



47, 8.218, 143.183



63, 91.499, 135.896



17, 36.509, 138.354

Inverse Universe

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



81, 22.866, 324.531



88, 30.133, 324.706



81, 16.679, 343.200



45, 8.235, 324.183



42, 88.541, 327.141



8, 37.147, 327.309

Previews

White Background



This preview shows how the CIELCh color 87, 22.824, 142.761 looks on a white background.

Color Contrast Check

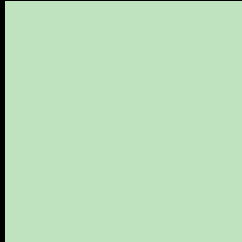
Large Text (above 18pt) WCAG AA × Fail

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, 22.824, 142.761 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

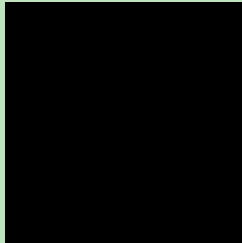
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

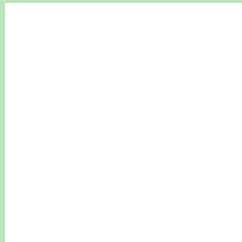
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 87, 22.824, 142.761

Background



This preview shows how black text looks on a background with the CIELCh color 87, 22.824, 142.761.

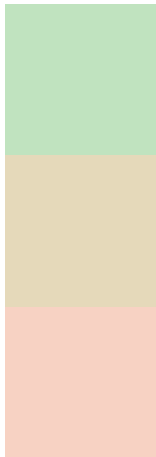


This preview shows how white text looks on a background with the CIELCh color 87, 22.824, 142.761.

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](#).

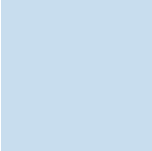
Dichromacy



Original Color
87, 22.824, 142.761

Protanopia
87, 16.784, 92.907

Deuteranopia
87, 16.231, 48.896



Tritanopia
87, 11.242, 251.644

Trichromacy



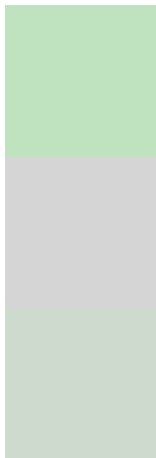
Original Color
87, 22.824, 142.761

Protanomaly
87, 17.264, 115.008

Deuteranomaly
87, 12.195, 89.278

Tritanomaly
87, 9.165, 192.247

Monochromacy



Original Color
87, 22.824, 142.761

Achromatopsia
85, 0.010, 296.813

Achromatomaly
86, 8.329, 144.133

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 22.824, 142.761 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(192, 227, 191)` looks like.

```
.text, #text, p{  
    color:rgb(192, 227, 191)  
}
```

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(192, 227, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 227, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 22.824, 142.761 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(192, 227, 191) }
```

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

```
.border{ border-color:rgb(192, 227, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 227, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 227, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 227, 191);  
box-shadow:4px 4px 4px 4px rgb(192, 227,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 22.824, 142.761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 227, 191) }
```

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

```
.background{ background-color: rgb(192,  
227, 191) }
```

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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