

Converting Colors

CIELCh(89, 17.938, 162.790)

Have a look what the booklet for
CIELCh(89, 17.938, 162.790)
contains.

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Color

CIELCh(89, 17.953, 162.783)

Conversions

Conversions Part 1

Format	Color
Hex	C0E9D5
RGB	192, 233, 213
RGB Percent	75%, 91%, 84%
CMY	0.2477, 0.0869, 0.1653
CMYK	0.18, 0.00, 0.09, 0.09
HSL	151°, 48%, 83%
HSV	151°, 18%, 91%
XYZ	62.7778, 74.1641, 73.8478
YIQ	218.4610, -18.0160, -14.9120

Conversions

Conversions Part 2

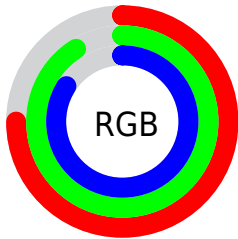
Format	Color
RYB	192, 219, 233
Decimal	12642773
CIELab	89.00, -17.15, 5.31
CIELCh	89, 17.953, 162.783
Yxy	74.1641, 0.2978, 0.3518
Android (android.graphics.Color)	4290832853 (0xFFC0E9D5)
YUV	218.4610, -2.6923, -23.2063
Hunter-Lab	86.1186, -20.5865, 9.4411

Details

The CIELCh color **89, 17.953, 162.783** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **82, 18.383, 345.849**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 2.081, 199.592**, and **69, 17.942, 162.412** is the 20% darker color. If you saturate the color by 10%, you get **87, 28.006, 161.751**, and if you desaturate by 10%, it is **91, 7.762, 163.731**.

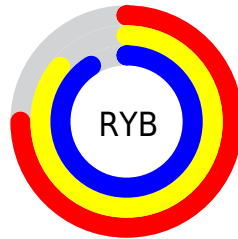
Distribution



Red (75%)

Green (91%)

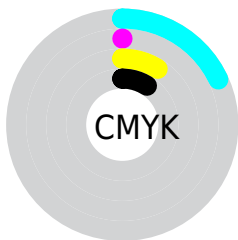
Blue (84%)



Red (75%)

Yellow (86%)

Blue (91%)

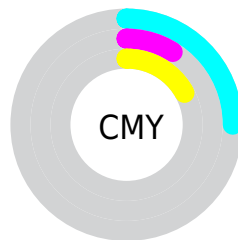


Cyan (18%)

Magenta (0%)

Yellow (9%)

Black (9%)



Cyan (25%)

Magenta (9%)

Yellow (17%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 17.953, 162.783 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 89, 17.953, 162.783 by changing the saturation by 10% instead.


 89, 17.953,
162.783

 89, 17.953,
162.783


 100, 17.953,
162.783

 79, 17.953,
162.783


 69, 17.953,
162.783

 59, 17.953,
162.783

 49, 17.953,
162.783

 39, 17.953,
162.783

 29, 17.953,
162.783

 19, 17.953,


162.783

 9, 17.953, 162.783


 0, 17.953, 162.783

 89, 17.953,
162.783


 89, 17.953,
162.783


 87, 28.006,
161.751


 91, 7.762, 163.731


 86, 37.762,
160.601

 93, 2.443, 344.313

 85, 47.053,
159.305


 94, 10.706,
337.634

 84, 55.703,
157.836


 95, 13.838,
324.900


 83, 63.553,

156.170

 82, 70.490,
154.291

 82, 76.469,
152.198

 82, 81.557,
149.929

 82, 82.703,
149.395

Harmonies

Complementary

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



89, 17.953, 162.783



82, 18.383, 345.849

Rectangle

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



89, 17.953, 162.783



89, 17.953, 212.783



89, 17.953, 342.783



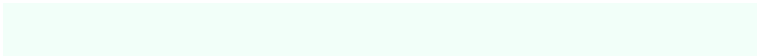
89, 17.953, 32.783

Sweetspot

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



89, 17.955, 162.781



99, 5.487, 163.984



90, 22.526, 128.272



53, 3.745, 163.912



0, 0.000, 0.000



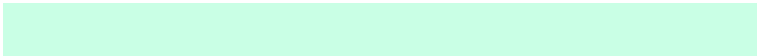
53, 0.007, 296.813

Same Dimension

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



89, 17.955, 162.781



96, 23.022, 162.433



90, 13.908, 198.513



48, 5.833, 163.556



65, 67.941, 149.801



19, 26.905, 153.792

Inverse Universe

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



82, 18.383, 345.849



86, 23.678, 346.201



81, 15.606, 20.620



46, 5.912, 345.070



39, 65.427, 3.090



8, 28.497, 356.144

Previews

White Background



This preview shows how the CIELCh color 89, 17.953, 162.783 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 89, 17.953, 162.783 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

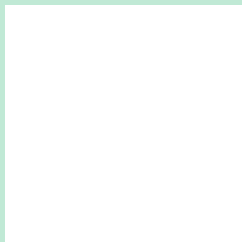
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 17.953, 162.783

Background



This preview shows how black text looks on a background with the CIELCh color 89, 17.953, 162.783.

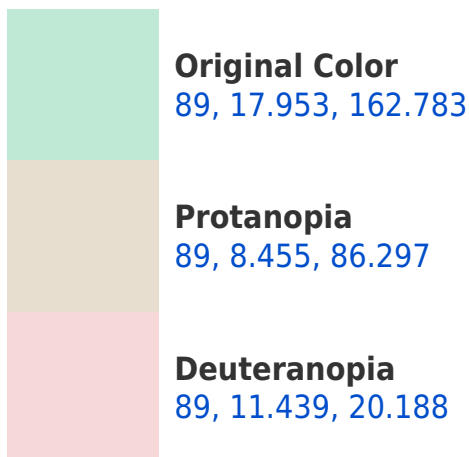


This preview shows how white text looks on a background with the CIELCh color 89, 17.953, 162.783.

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](#).

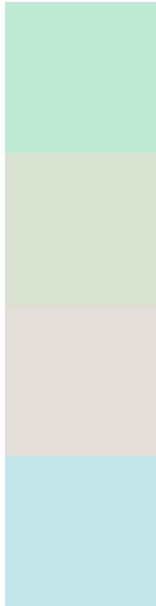
Dichromacy





Tritanopia
89, 13.491, 243.163

Trichromacy



Original Color
89, 17.953, 162.783

Protanomaly
89, 9.442, 129.780

Deuteranomaly
89, 4.048, 83.124

Tritanomaly
89, 11.699, 208.996

Monochromacy



Original Color
89, 17.953, 162.783

Achromatopsia
87, 0.010, 296.813

Achromatomaly
88, 6.527, 164.985

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 17.953, 162.783 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, 233, 213)` looks like.

```
.text, #text, p{  
    color:rgb(192, 233, 213)  
}
```

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, 233, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 233, 213) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 17.953, 162.783 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, 233, 213) }
```

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

```
.border{ border-color:rgb(192, 233, 213) }
```

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

Here you see how a box with a 4 pixel rgb(192, 233, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 233, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 233, 213);  
box-shadow:4px 4px 4px 4px rgb(192, 233,  
213) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 17.953, 162.783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 233, 213) }
```

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

```
.background{ background-color: rgb(192,  
233, 213) }
```

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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