

Converting Colors

CIELCh(92, 20.232, 195.969)

Have a look what the booklet for
CIELCh(92, 20.232, 195.969)
contains.

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Color

CIELCh(92, 20.079, 196.645)

Conversions

Conversions Part 1

Format	Color
Hex	B6F3F2
RGB	182, 243, 242
RGB Percent	71%, 95%, 95%
CMY	0.2851, 0.0458, 0.0497
CMYK	0.25, 0.00, 0.00, 0.05
HSL	179°, 72%, 83%
HSV	179°, 25%, 95%
XYZ	67.5849, 80.7044, 96.2700
YIQ	224.6470, -36.0350, -13.2430

Conversions

Conversions Part 2

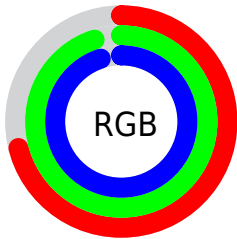
Format	Color
RYB	182, 213, 243
Decimal	11990002
CIELab	92.00, -19.24, -5.75
CIELCh	92, 20.079, 196.645
Yxy	80.7044, 0.2764, 0.3300
Android (android.graphics.Color)	4290180082 (0xFFB6F3F2)
YUV	224.6470, 8.5550, -37.4014
Hunter-Lab	89.8356, -22.9238, -0.6516

Details

The CIELCh color **92, 20.079, 196.645** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **80, 23.668, 20.096**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 5.502, 199.177**, and **72, 20.252, 196.282** is the 20% darker color. If you saturate the color by 10%, you get **91, 27.024, 196.127**, and if you desaturate by 10%, it is **93, 12.458, 197.204**.

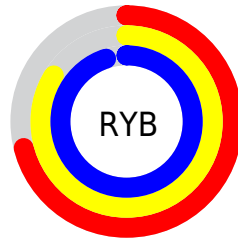
Distribution



Red (71%)

Green (95%)

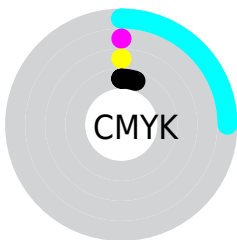
Blue (95%)



Red (71%)

Yellow (84%)

Blue (95%)

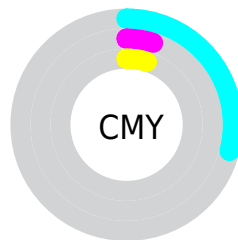


Cyan (25%)

Magenta (0%)

Yellow (0%)

Black (5%)



Cyan (29%)


Magenta (5%)


Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 20.079, 196.645 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 92, 20.079, 196.645 by changing the saturation by 10% instead.


 92, 20.079,
196.645


 92, 20.079,
196.645

 100, 20.079,
196.645


 82, 20.079,
196.645

 72, 20.079,
196.645

 62, 20.079,
196.645

 52, 20.079,
196.645

 42, 20.079,
196.645

 32, 20.079,
196.645

 22, 20.079,

196.645

■ 12, 20.079,
196.645

■ 2, 20.079, 196.645

■ 92, 20.079,
196.645

■ 92, 20.079,
196.645

■ 91, 27.024,
196.127

■ 93, 12.458,
197.204

■ 90, 33.153,
195.661

■ 95, 4.300, 197.879

■ 89, 38.341,
195.242

■ 97, 4.151, 18.140

■ 97, 4.160, 15.330

■ 88, 42.499,
194.869

■ 97, 4.180, 12.541

■ 88, 45.582,
194.539

■ 97, 4.210, 9.785

■ 87, 47.610,
194.244

■ 97, 4.249, 7.073

■ 87, 48.684,
193.976

■ 97, 4.298, 4.417

■ 87, 48.978,
193.849

■ 97, 4.356, 1.827

Harmonies

Complementary

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



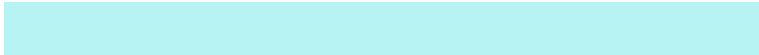
92, 20.079, 196.645



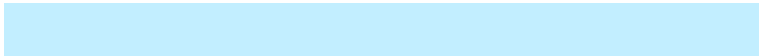
80, 23.668, 20.096

Rectangle

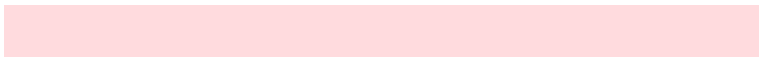
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



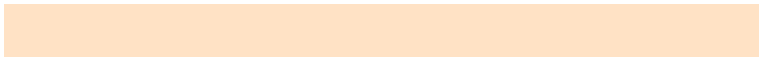
92, 20.079, 196.645



92, 20.079, 246.645



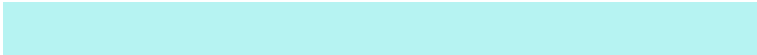
92, 20.079, 16.645



92, 20.079, 66.645

Sweetspot

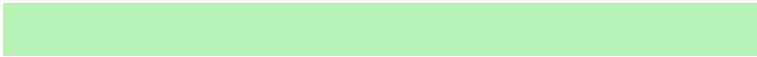
The Sweet Spot groups the original color and five complimentary colors.



92, 20.080, 196.641



99, 6.994, 197.652



91, 38.380, 142.345



52, 4.953, 197.550



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



92, 20.080, 196.641



95, 24.500, 196.378



84, 18.335, 257.353



50, 4.790, 197.552



68, 40.052, 193.891



22, 17.777, 194.217

Inverse Universe

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



80, 23.668, 20.096



80, 29.957, 20.698



87, 19.777, 70.518



48, 5.079, 18.609



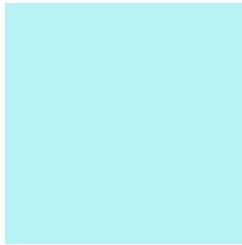
39, 81.798, 39.331



8, 30.918, 24.352

Previews

White Background



This preview shows how the CIELCh color 92, 20.079, 196.645 looks on a white background.

Color Contrast Check

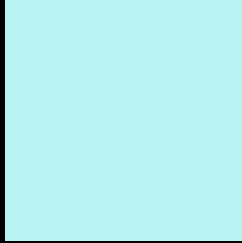
Large Text (above 18pt) WCAG AA × Fail

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 92, 20.079, 196.645 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

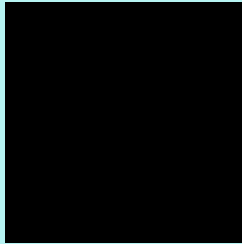
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

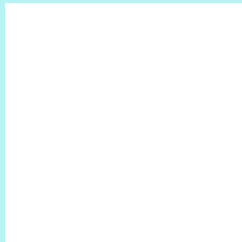
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 20.079, 196.645

Background



This preview shows how black text looks on a background with the CIELCh color 92, 20.079, 196.645.

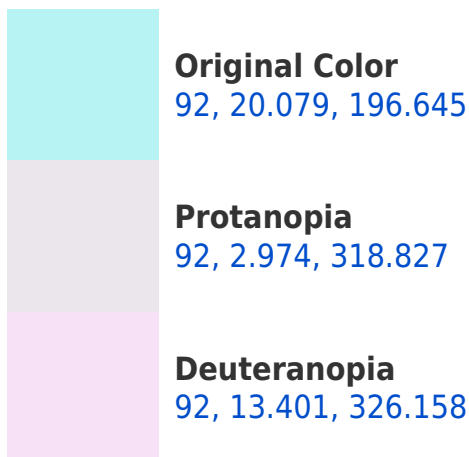


This preview shows how white text looks on a background with the CIELCh color 92, 20.079, 196.645.

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



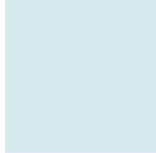


Tritanopia
92, 16.330, 229.251

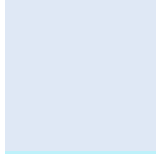
Trichromacy



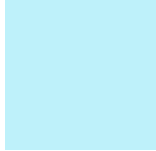
Original Color
92, 20.079, 196.645



Protanomaly
92, 7.049, 211.800

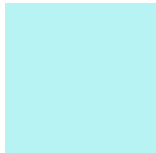


Deuteranomaly
92, 7.352, 265.833

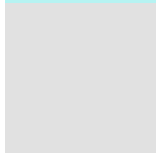


Tritanomaly
92, 17.182, 214.225

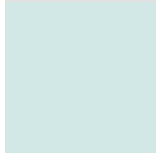
Monochromacy



Original Color
92, 20.079, 196.645



Achromatopsia
90, 0.011, 296.813



Achromatomaly
90, 8.022, 195.215

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 20.079, 196.645 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(182, 243, 242)` looks like.

```
.text, #text, p{  
    color:rgb(182, 243, 242)  
}
```

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(182, 243, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 243, 242) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 20.079, 196.645 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(182, 243, 242) }
```

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

```
.border{ border-color:rgb(182, 243, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 243, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 243, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 243, 242);  
box-shadow:4px 4px 4px 4px rgb(182, 243,  
242) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 20.079, 196.645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 243, 242) }
```

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

```
.background{ background-color: rgb(182,  
243, 242) }
```

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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