

Converting Colors

CIELCh(92, 10.660, 185.668)

Have a look what the booklet for
CIELCh(92, 10.660, 185.668)
contains.

CIELCh(92, 10.608, 187.473)	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(92, 10.608, 187.473)

Conversions

Conversions Part 1

Format	Color
Hex	D0EEEE
RGB	208, 238, 234
RGB Percent	82%, 93%, 92%
CMY	0.1833, 0.0656, 0.0813
CMYK	0.13, 0.00, 0.02, 0.07
HSL	172°, 47%, 88%
HSV	172°, 13%, 93%
XYZ	71.6244, 80.7044, 89.8411
YIQ	228.5740, -16.5960, -7.6040

Conversions

Conversions Part 2

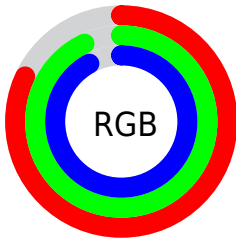
Format	Color
R_{YB}	208, 224, 238
Decimal	13692650
CIE _{Lab}	92.00, -10.52, -1.38
CIE _{LCh}	92, 10.608, 187.473
Yxy	80.7044, 0.2958, 0.3333
Android (android.graphics.Color)	4291882730 (0xFFD0EEEE)
YUV	228.5740, 2.6750, -18.0434
Hunter-Lab	89.8356, -14.8975, 3.5913

Details

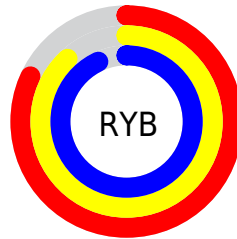
The CIELCh color **92, 10.608, 187.473** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **86, 11.269, 9.549**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **72, 10.737, 186.826** is the 20% darker color. If you saturate the color by 10%, you get **90, 18.622, 186.585**, and if you desaturate by 10%, it is **94, 2.219, 188.510**.

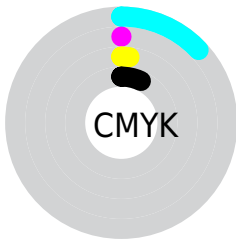
Distribution



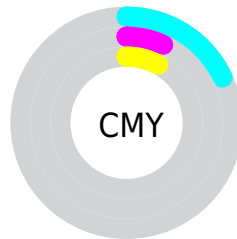
- Red (82%)
- Green (93%)
- Blue (92%)



- Red (82%)
- Yellow (88%)
- Blue (93%)



- Cyan (13%)
- Magenta (0%)
- Yellow (2%)
- Black (7%)





- Cyan (18%)
- Magenta (7%)
- Yellow (8%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 10.608, 187.473 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, 10.608, 187.473 by changing the saturation by 10% instead.


 92, 10.608,
187.473


 92, 10.608,
187.473


 100, 10.608,
187.473


 82, 10.608,
187.473


 72, 10.608,
187.473

 62, 10.608,
187.473

 52, 10.608,
187.473

 42, 10.608,
187.473

 32, 10.608,
187.473

 22, 10.608,

187.473

■ 12, 10.608,
187.473

■ 2, 10.608, 187.473

■ 92, 10.608,
187.473

■ 92, 10.608,
187.473

■ 90, 18.622,
186.585

■ 94, 2.219, 188.510

■ 89, 26.119,
185.690

■ 96, 6.101, 8.346

■ 96, 6.607, 354.395

■ 88, 32.954,
184.760

■ 96, 7.445, 343.022

■ 87, 38.985,
183.780

■ 96, 8.518, 334.252

■ 96, 9.748, 327.595

■ 86, 44.094,
182.733

■ 96, 10.435,
324.775

■ 86, 48.200,
181.597

■ 85, 51.283,
180.352

■ 85, 53.402,
178.980

■ 85, 54.505,
177.897

Harmonies

Complementary

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



92, 10.608, 187.473



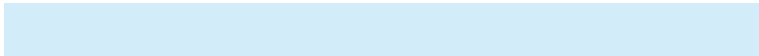
86, 11.269, 9.549

Rectangle

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



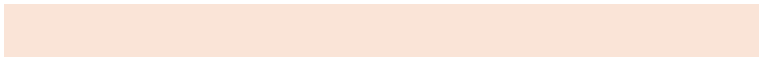
92, 10.608, 187.473



92, 10.608, 237.473



92, 10.608, 7.473



92, 10.608, 57.473

Sweetspot

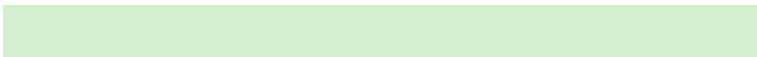
The Sweet Spot groups the original color and five complimentary colors.



92, 10.609, 187.465



99, 3.610, 188.298



92, 18.099, 139.667



53, 2.563, 188.208



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, 10.609, 187.465



97, 13.286, 187.248



89, 8.529, 239.077



49, 4.837, 187.744



67, 44.713, 178.159



20, 19.097, 180.403

Inverse Universe

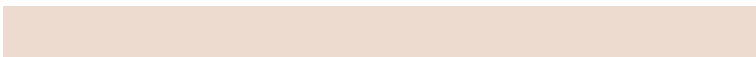
The Inverse Universe completely reimagines the original color for something new.



86, 11.269, 9.549



90, 14.288, 9.814



89, 9.070, 56.634



47, 5.060, 9.223



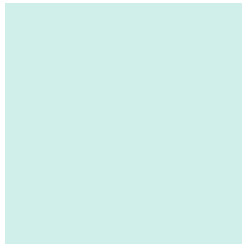
38, 75.858, 33.955



8, 29.218, 18.373

Previews

White Background



This preview shows how the CIELCh color 92, 10.608, 187.473 looks on a white background.

Color Contrast Check

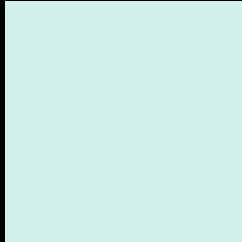
Large Text (above 18pt) WCAG AA × Fail

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, 10.608, 187.473 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

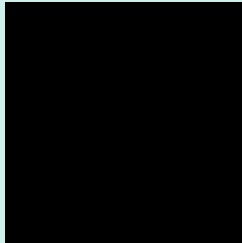
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

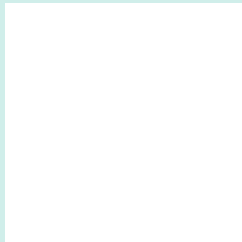
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 10.608, 187.473

Background



This preview shows how black text looks on a background with the CIELCh color 92, 10.608, 187.473.

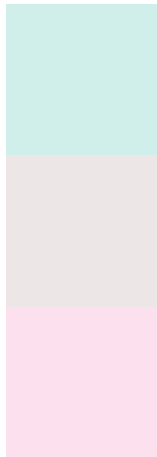


This preview shows how white text looks on a background with the CIELCh color 92, 10.608, 187.473.

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](#).

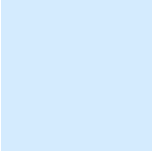
Dichromacy



Original Color
92, 10.608, 187.473

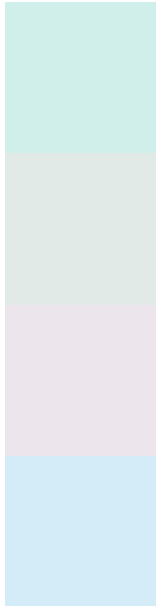
Protanopia
92, 1.854, 35.336

Deuteranopia
92, 12.093, 346.558



Tritanopia
92, 12.308, 252.332

Trichromacy



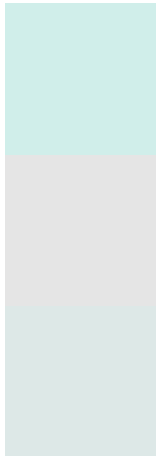
Original Color
92, 10.608, 187.473

Protanomaly
92, 3.019, 179.392

Deuteranomaly
92, 4.422, 324.539

Tritanomaly
92, 10.068, 233.521

Monochromacy



Original Color
92, 10.608, 187.473

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 3.913, 191.683

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 10.608, 187.473 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(208, 238, 234)` looks like.

```
.text, #text, p{  
    color:rgb(208, 238, 234)  
}
```

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(208, 238, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 238, 234) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 10.608, 187.473 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(208, 238, 234) }
```

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

```
.border{ border-color:rgb(208, 238, 234) }
```

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

Here you see how a box with a 4 pixel rgb(208, 238, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 238, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 238, 234);  
box-shadow:4px 4px 4px 4px rgb(208, 238,  
234) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 10.608, 187.473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 238, 234) }
```

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

```
.background{ background-color: rgb(208,  
238, 234) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor