

Converting Colors

CIELCh(92, 10.171, 214.405)

Have a look what the booklet for
CIELCh(92, 10.171, 214.405)
contains.

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Color

CIELCh(92, 10.249, 216.541)

Conversions

Conversions Part 1

Format	Color
Hex	D0EDF3
RGB	208, 237, 243
RGB Percent	82%, 93%, 95%
CMY	0.1831, 0.0693, 0.0458
CMYK	0.14, 0.02, 0.00, 0.05
HSL	190°, 60%, 89%
HSV	190°, 14%, 95%
XYZ	72.7082, 80.7044, 96.7988
YIQ	229.0130, -19.2100, -4.2820

Conversions

Conversions Part 2

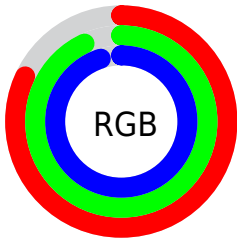
Format	Color
R _{YB}	208, 224, 243
Decimal	13692403
CIE Lab	92.00, -8.23, -6.10
CIE LCh	92, 10.249, 216.541
Yxy	80.7044, 0.2906, 0.3225
Android (android.graphics.Color)	4291882483 (0xFFD0EDF3)
YUV	229.0130, 6.8956, -18.4284
Hunter-Lab	89.8356, -12.7440, -1.0006

Details

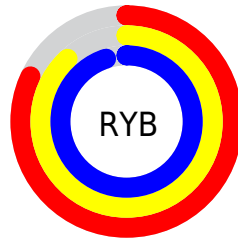
The CIELCh color **92, 10.249, 216.541** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **88, 11.267, 36.111**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **72, 10.318, 217.249** is the 20% darker color. If you saturate the color by 10%, you get **89, 16.830, 216.864**, and if you desaturate by 10%, it is **95, 3.209, 216.456**.

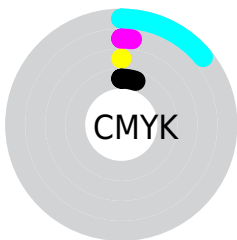
Distribution



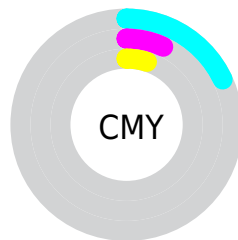
- Red (82%)
- Green (93%)
- Blue (95%)



- Red (82%)
- Yellow (88%)
- Blue (95%)



- Cyan (14%)
- Magenta (2%)
- Yellow (0%)
- Black (5%)





- Cyan (18%)
- Magenta (7%)
- Yellow (5%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 10.249, 216.541 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, 10.249, 216.541 by changing the saturation by 10% instead.


 92, 10.249,
216.541


 92, 10.249,
216.541


 100, 10.249,
216.541


 82, 10.249,
216.541


 72, 10.249,
216.541

 62, 10.249,
216.541

 52, 10.249,
216.541

 42, 10.249,
216.541

 32, 10.249,
216.541

 22, 10.249,

216.541

■ 12, 10.249,
216.541

■ 2, 10.249, 216.541

■ 92, 10.249,
216.541

■ 92, 10.249,
216.541

■ 89, 16.830,
216.864

■ 95, 3.209, 216.456

■ 87, 22.839,
217.403

■ 97, 3.511, 39.256

■ 98, 3.761, 80.721

■ 85, 28.157,
218.187

■ 99, 5.415, 106.024

■ 83, 32.673,
219.274

■ 100, 5.906,
109.723

■ 81, 36.300,
220.731

■ 79, 38.991,
222.634

■ 77, 40.766,
225.058

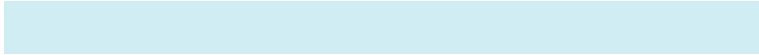
■ 76, 41.734,
228.059

■ 75, 42.056,
229.945

Harmonies

Complementary

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



92, 10.249, 216.541



88, 11.267, 36.111

Rectangle

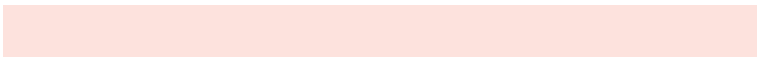
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92, 10.249, 216.541



92, 10.249, 266.541



92, 10.249, 36.541



92, 10.249, 86.541

Sweetspot

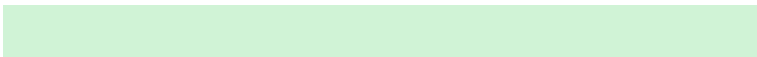
The Sweet Spot groups the original color and five complimentary colors.



92, 10.249, 216.530



99, 3.042, 216.469



93, 19.661, 148.450



53, 2.158, 216.446



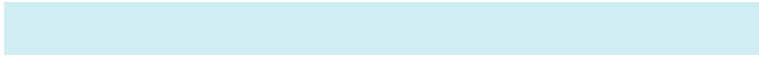
0, 0.000, 0.000



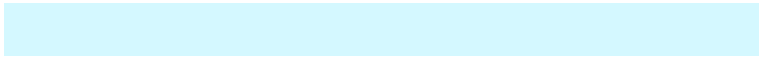
53, 0.007, 296.813

Same Dimension

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



92, 10.249, 216.530



95, 12.482, 216.600



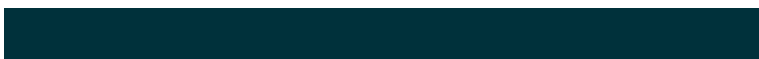
88, 12.736, 273.116



50, 4.124, 216.441



59, 34.385, 229.318



18, 15.301, 224.394

Inverse Universe

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



87, 19.652, 330.416



89, 24.148, 330.587



92, 12.767, 89.290



48, 7.779, 330.100



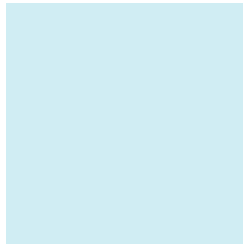
42, 79.815, 336.466



10, 36.107, 335.196

Previews

White Background



This preview shows how the CIE LCh color 92, 10.249, 216.541 looks on a white background.

Color Contrast Check

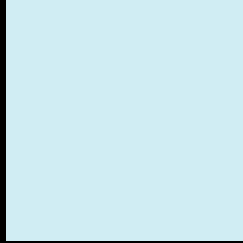
Large Text (above 18pt) WCAG AA × Fail

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, 10.249, 216.541 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

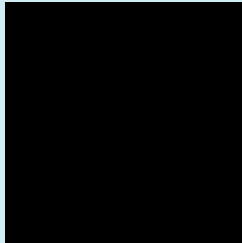
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

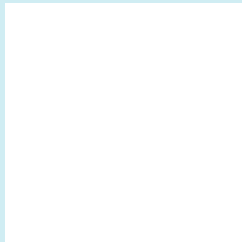
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 10.249, 216.541

Background



This preview shows how black text looks on a background with the CIELCh color 92, 10.249, 216.541.

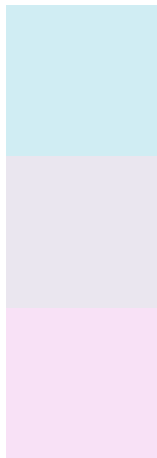


This preview shows how white text looks on a background with the CIELCh color 92, 10.249, 216.541.

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, 10.249, 216.541

Protanopia

92, 4.892, 307.256

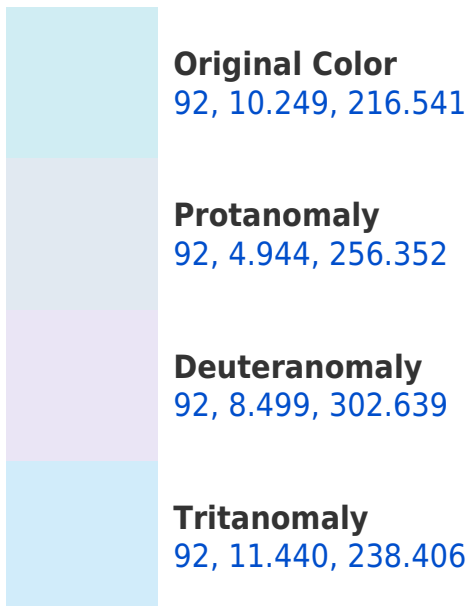
Deuteranopia

92, 13.608, 327.391



Tritanopia
92, 12.537, 247.187

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 10.249, 216.541 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, 237, 243)` looks like.

```
.text, #text, p{  
    color:rgb(208, 237, 243)  
}
```

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, 237, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 237, 243) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 10.249, 216.541 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, 237, 243) }
```

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

```
.border{ border-color:rgb(208, 237, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 237, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 237, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 237, 243);  
box-shadow:4px 4px 4px 4px rgb(208, 237,  
243) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 10.249, 216.541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 237, 243) }
```

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

```
.background{ background-color: rgb(208,  
237, 243) }
```

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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