

Converting Colors

CIELCh(92, 8.224, 197.340)

Have a look what the booklet for
CIELCh(92, 8.224, 197.340) contains.

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Color

CIELCh(92, 8.330, 195.353)

Conversions

Conversions Part 1

Format	Color
Hex	D5EDEC
RGB	213, 237, 236
RGB Percent	84%, 93%, 93%
CMY	0.1650, 0.0709, 0.0748
CMYK	0.10, 0.00, 0.00, 0.07
HSL	177°, 40%, 88%
HSV	177°, 10%, 93%
XYZ	72.8044, 80.7044, 91.0329
YIQ	229.7100, -13.9830, -5.3990

Conversions

Conversions Part 2

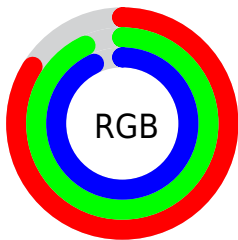
Format	Color
R _Y B	213, 225, 237
Decimal	14020076
CIE Lab	92.00, -8.03, -2.21
CIE LCh	92, 8.330, 195.353
Yxy	80.7044, 0.2977, 0.3300
Android (android.graphics.Color)	4292210156 (0xFFD5EDEC)
YUV	229.7100, 3.1010, -14.6547
Hunter-Lab	89.8356, -12.5528, 2.8048

Details

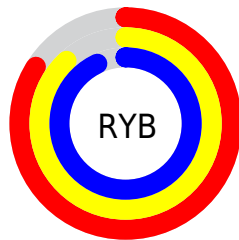
The CIELCh color `92, 8.330, 195.353` is a light color, and the websafe version is hex `CCFFFF`. A complement of this color would be `87, 8.842, 16.614`, and the grayscale version is `91, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `72, 8.351, 195.031` is the 20% darker color. If you saturate the color by 10%, you get `90, 16.121, 194.667`, and if you desaturate by 10%, it is `94, 0.108, 201.675`.

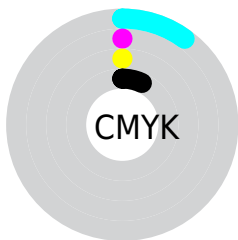
Distribution



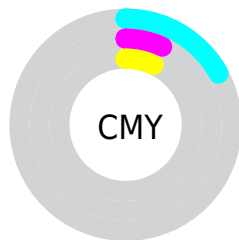
- Red (84%)
- Green (93%)
- Blue (93%)



- Red (84%)
- Yellow (88%)
- Blue (93%)



- Cyan (10%)
- Magenta (0%)
- Yellow (0%)
- Black (7%)



- Cyan (17%)
- Magenta (7%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 8.330, 195.353 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, 8.330, 195.353 by changing the saturation by 10% instead.

92, 8.330, 195.353

92, 8.330, 195.353

100, 8.330,
195.353

82, 8.330, 195.353

72, 8.330, 195.353

62, 8.330, 195.353

52, 8.330, 195.353

42, 8.330, 195.353

32, 8.330, 195.353

22, 8.330, 195.353

12, 8.330, 195.353

2, 8.330, 195.353

92, 8.330, 195.353

92, 8.330, 195.353

90, 16.121,
194.667

94, 0.108, 201.675

89, 23.343,
194.038

95, 6.502, 15.346

88, 29.856,
193.436

95, 6.554, 10.931

87, 35.527,
192.858

95, 6.646, 6.612

86, 40.244,
192.299

95, 6.774, 2.434

86, 43.934,
191.751

95, 6.938, 358.435

85, 46.578,
191.204

95, 7.135, 354.639

85, 48.225,
190.647

95, 7.362, 351.065

95, 7.616, 347.719

■ 85, 49.073,
190.079

Harmonies

Complementary

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



92, 8.330, 195.353



87, 8.842, 16.614

Rectangle

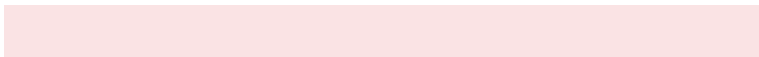
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



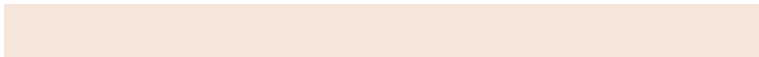
92, 8.330, 195.353



92, 8.330, 245.353



92, 8.330, 15.353



92, 8.330, 65.353

Sweetspot

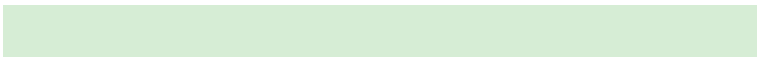
The Sweet Spot groups the original color and five complimentary colors.



92, 8.331, 195.341



99, 2.658, 195.978



92, 14.941, 142.554



53, 2.012, 195.873



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, 8.331, 195.341



98, 10.427, 195.206



89, 7.161, 251.140



48, 4.642, 195.389



67, 40.092, 190.183



19, 17.074, 191.063

Inverse Universe

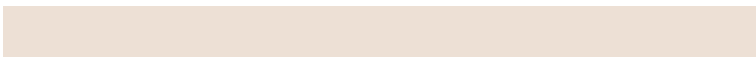
The Inverse Universe completely reimagines the original color for something new.



87, 8.842, 16.614



92, 11.196, 16.787



90, 7.397, 68.595



46, 4.907, 16.554



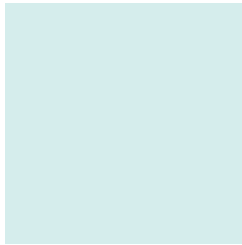
38, 79.034, 38.295



7, 28.359, 21.019

Previews

White Background



This preview shows how the CIE LCh color 92, 8.330, 195.353 looks on a white background.

Color Contrast Check

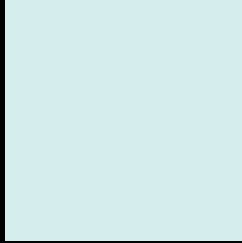
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 92, 8.330, 195.353 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

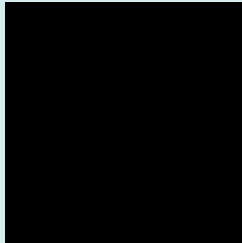
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

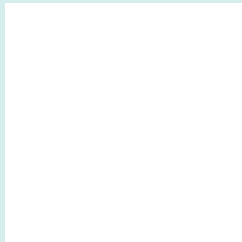
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 8.330, 195.353

Background



This preview shows how black text looks on a background with the CIELCh color 92, 8.330, 195.353.



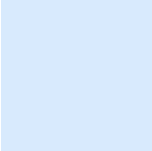
This preview shows how white text looks on a background with the CIELCh color 92, 8.330, 195.353.

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](#).

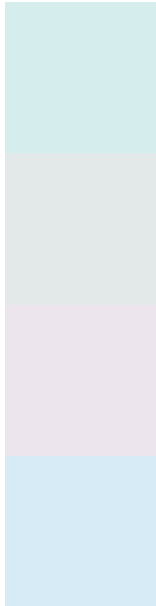
Dichromacy





Tritanopia
92, 11.411, 258.935

Trichromacy



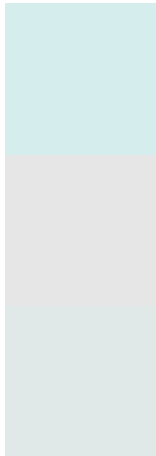
Original Color
92, 8.330, 195.353

Protanomaly
92, 2.116, 199.554

Deuteranomaly
92, 5.050, 324.570

Tritanomaly
92, 9.091, 242.315

Monochromacy



Original Color
92, 8.330, 195.353

Achromatopsia
91, 0.011, 296.813

Achromatomaly
92, 3.220, 190.128

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 8.330, 195.353 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(213, 237, 236)` looks like.

```
.text, #text, p{  
    color:rgb(213, 237, 236)  
}
```

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(213, 237, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 237, 236) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 8.330, 195.353 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(213, 237, 236) }
```

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

```
.border{ border-color:rgb(213, 237, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 237, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 237, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 237, 236);  
box-shadow:4px 4px 4px 4px rgb(213, 237,  
236) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 8.330, 195.353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 237, 236) }
```

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

```
.background{ background-color: rgb(213,  
237, 236) }
```

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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