

Converting Colors

CIELCh(92, 7.895, 213.991)

Have a look what the booklet for
CIELCh(92, 7.895, 213.991) contains.

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Color

CIELCh(92, 7.797, 214.431)

Conversions

Conversions Part 1

Format	Color
Hex	D6ECF0
RGB	214, 236, 240
RGB Percent	84%, 93%, 94%
CMY	0.1602, 0.0739, 0.0582
CMYK	0.11, 0.02, 0.00, 0.06
HSL	189°, 47%, 89%
HSV	189°, 11%, 94%
XYZ	73.5718, 80.7044, 94.2636
YIQ	229.8780, -14.3960, -3.4200

Conversions

Conversions Part 2

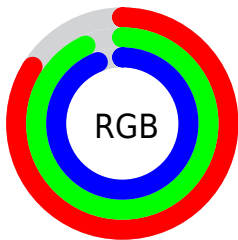
Format	Color
R _{YB}	214, 226, 240
Decimal	14085360
CIE _{Lab}	92.00, -6.43, -4.41
CIE _{LCh}	92, 7.797, 214.431
Y _{xy}	80.7044, 0.2960, 0.3247
Android (android.graphics.Color)	4292275440 (0xFFD6ECF0)
YUV	229.8780, 4.9901, -13.9250
Hunter-Lab	89.8356, -11.0281, 0.6725

Details

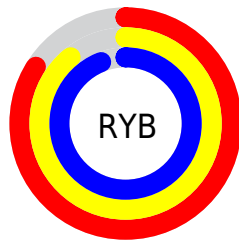
The CIELCh color **92, 7.797, 214.431** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **89, 8.366, 34.218**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **72, 7.792, 215.171** is the 20% darker color. If you saturate the color by 10%, you get **90, 14.556, 214.583**, and if you desaturate by 10%, it is **95, 0.612, 215.289**.

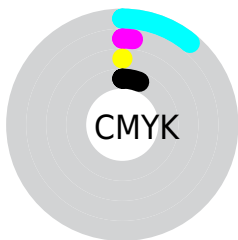
Distribution



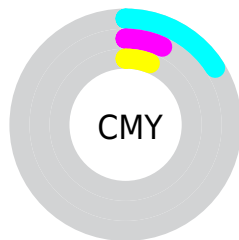
- Red (84%)
- Green (93%)
- Blue (94%)



- Red (84%)
- Yellow (89%)
- Blue (94%)



- Cyan (11%)
- Magenta (2%)
- Yellow (0%)
- Black (6%)



- Cyan (16%)
- Magenta (7%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 7.797, 214.431 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, 7.797, 214.431 by changing the saturation by 10% instead.

■ 92, 7.797, 214.431

■ 92, 7.797, 214.431

■ 100, 7.797,
214.431

■ 82, 7.797, 214.431

■ 72, 7.797, 214.431

■ 62, 7.797, 214.431

■ 52, 7.797, 214.431

■ 42, 7.797, 214.431

■ 32, 7.797, 214.431

■ 22, 7.797, 214.431

■ 12, 7.797, 214.431

■ 2, 7.797, 214.431

92, 7.797, 214.431

92, 7.797, 214.431

90, 14.556,
214.583

95, 0.612, 215.289

87, 20.776,
214.935

97, 4.424, 42.460

98, 4.522, 72.097

85, 26.338,
215.494

99, 5.641, 94.832

83, 31.125,
216.308

100, 7.322,
108.569

81, 35.038,
217.433

100, 7.510,
109.606

79, 38.008,
218.936

78, 40.027,
220.885

77, 41.159,
223.341

■ 76, 41.619,
226.015

Harmonies

Complementary

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



92, 7.797, 214.431



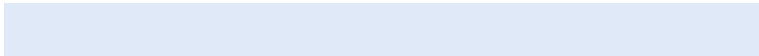
89, 8.366, 34.218

Rectangle

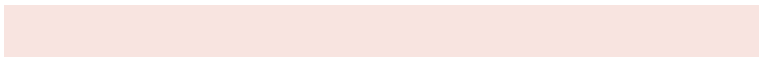
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



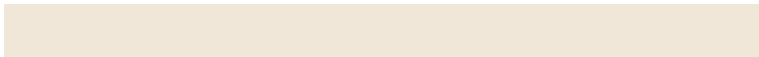
92, 7.797, 214.431



92, 7.797, 264.431



92, 7.797, 34.431



92, 7.797, 84.431

Sweetspot

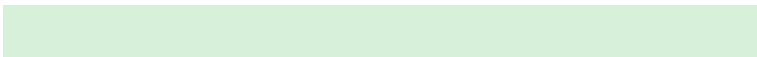
The Sweet Spot groups the original color and five complimentary colors.



92, 7.798, 214.416



99, 2.314, 214.549



92, 14.789, 148.171



53, 1.751, 214.493



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, 7.798, 214.416



96, 9.769, 214.436



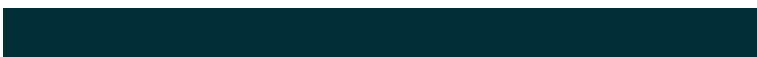
89, 9.288, 271.251



49, 4.101, 214.409



59, 34.038, 225.449



17, 14.941, 220.874

Inverse Universe

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



88, 14.787, 329.594



92, 18.662, 329.734



92, 9.316, 88.374



47, 7.742, 329.508



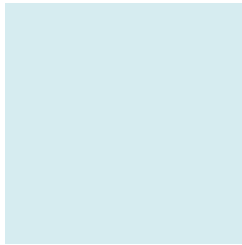
42, 80.080, 335.464



9, 35.539, 334.310

Previews

White Background



This preview shows how the CIELCh color 92, 7.797, 214.431 looks on a white background.

Color Contrast Check

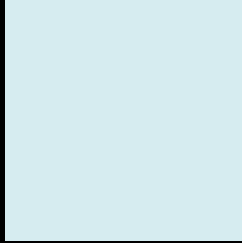
Large Text (above 18pt) WCAG AA × Fail

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, 7.797, 214.431 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

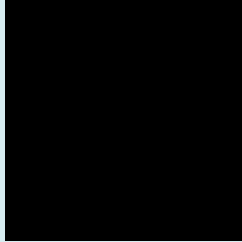
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

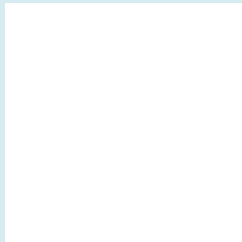
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 7.797, 214.431

Background



This preview shows how black text looks on a background with the CIELCh color 92, 7.797, 214.431.



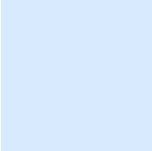
This preview shows how white text looks on a background with the CIELCh color 92, 7.797, 214.431.

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](#).

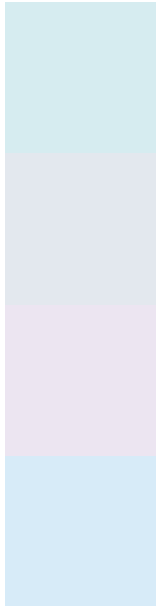
Dichromacy





Tritanopia
92, 11.411, 258.935

Trichromacy



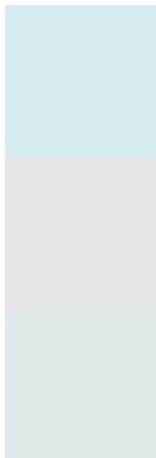
Original Color
92, 7.797, 214.431

Protanomaly
92, 3.543, 260.877

Deuteranomaly
92, 6.718, 312.109

Tritanomaly
92, 9.432, 244.746

Monochromacy



Original Color
92, 7.797, 214.431

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 2.980, 219.788

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 7.797, 214.431 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(214, 236, 240)` looks like.

```
.text, #text, p{  
    color:rgb(214, 236, 240)  
}
```

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(214, 236, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 236, 240) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 7.797, 214.431 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(214, 236, 240) }
```

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

```
.border{ border-color:rgb(214, 236, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 236, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 236, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 236, 240);  
box-shadow:4px 4px 4px 4px rgb(214, 236,  
240) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 7.797, 214.431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 236, 240) }
```

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

```
.background{ background-color: rgb(214,  
236, 240) }
```

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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