

Converting Colors

CIELCh(92, 12.531, 205.788)

Have a look what the booklet for
CIELCh(92, 12.531, 205.788)
contains.

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Color

CIELCh(92, 12.552, 205.779)

Conversions

Conversions Part 1

Format	Color
Hex	CAEFF2
RGB	202, 239, 242
RGB Percent	79%, 94%, 95%
CMY	0.2078, 0.0627, 0.0510
CMYK	0.17, 0.01, 0.00, 0.05
HSL	184°, 61%, 87%
HSV	184°, 17%, 95%
XYZ	71.2543, 80.7044, 95.8305
YIQ	228.2790, -23.0150, -6.9110

Conversions

Conversions Part 2

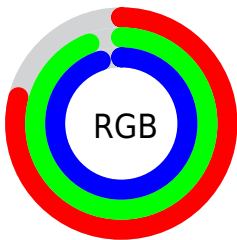
Format	Color
R _Y B	202, 221, 242
Decimal	13299698
CIE Lab	92.00, -11.30, -5.46
CIE LCh	92, 12.552, 205.779
Yxy	80.7044, 0.2876, 0.3257
Android (android.graphics.Color)	4291489778 (0xFFCAEFF2)
YUV	228.2790, 6.7645, -23.0467
Hunter-Lab	89.8356, -15.6327, -0.3616

Details

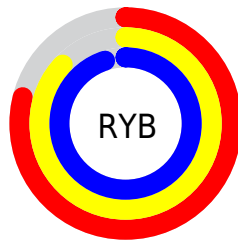
The CIELCh color **92, 12.552, 205.779** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **85, 14.028, 26.784**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **72, 12.667, 205.903** is the 20% darker color. If you saturate the color by 10%, you get **90, 19.470, 205.612**, and if you desaturate by 10%, it is **94, 5.098, 206.073**.

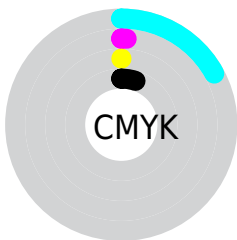
Distribution



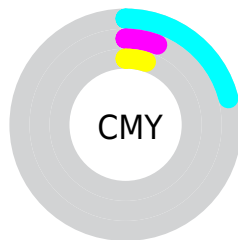
- Red (79%)
- Green (94%)
- Blue (95%)



- Red (79%)
- Yellow (87%)
- Blue (95%)



- Cyan (17%)
- Magenta (1%)
- Yellow (0%)
- Black (5%)





- Cyan (21%)
- Magenta (6%)
- Yellow (5%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 12.552, 205.779 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, 12.552, 205.779 by changing the saturation by 10% instead.


 92, 12.552,
205.779


 92, 12.552,
205.779


 100, 12.552,
205.779


 82, 12.552,
205.779


 72, 12.552,
205.779

 62, 12.552,
205.779

 52, 12.552,
205.779

 42, 12.552,
205.779

 32, 12.552,
205.779

 22, 12.552,

205.779

■ 12, 12.552,
205.779

■ 2, 12.552, 205.779

■ 92, 12.552,
205.779

■ 92, 12.552,
205.779

■ 90, 19.470,
205.612

■ 94, 5.098, 206.073

■ 88, 25.719,
205.573

■ 96, 2.773, 26.011

■ 97, 3.946, 37.852

■ 87, 31.171,
205.669

■ 98, 3.773, 54.426

■ 86, 35.707,
205.926

■ 98, 3.929, 71.051

■ 98, 4.379, 85.297

■ 84, 39.238,
206.370

■ 99, 5.043, 96.327

■ 83, 41.723,
207.029

■ 99, 5.848, 104.541

■ 83, 43.185,
207.928

■ 100, 6.576,
109.674

■ 82, 43.731,
209.084

■ 82, 43.802,
209.523

Harmonies

Complementary

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



92, 12.552, 205.779



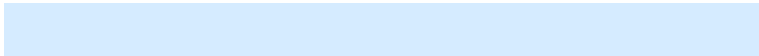
85, 14.028, 26.784

Rectangle

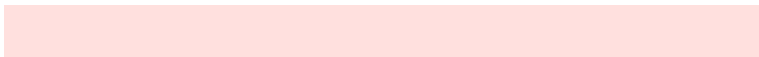
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



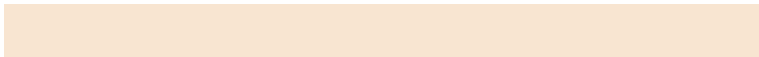
92, 12.552, 205.779



92, 12.552, 255.779



92, 12.552, 25.779



92, 12.552, 75.779

Sweetspot

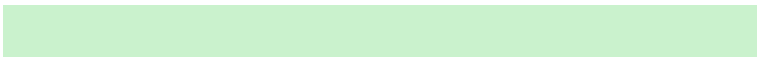
The Sweet Spot groups the original color and five complimentary colors.



92, 12.553, 205.771



99, 4.089, 206.151



92, 24.161, 145.233



53, 2.785, 206.112



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, 12.553, 205.771



96, 15.669, 205.702



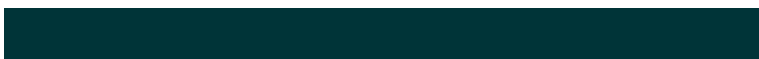
87, 13.085, 264.666



49, 4.370, 205.959



63, 35.653, 209.274



19, 15.733, 207.320

Inverse Universe

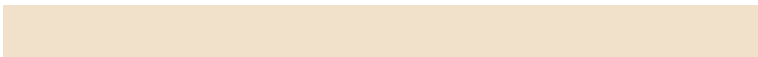
The Inverse Universe completely reimagines the original color for something new.



86, 24.057, 327.461



88, 30.398, 327.668



90, 13.422, 80.127



47, 8.179, 327.044



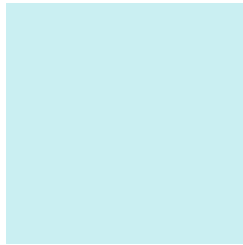
43, 85.145, 331.456



10, 37.474, 330.976

Previews

White Background



This preview shows how the CIE LCh color 92, 12.552, 205.779 looks on a white background.

Color Contrast Check

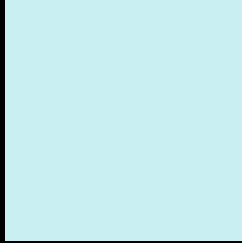
Large Text (above 18pt) WCAG AA × Fail

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, 12.552, 205.779 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

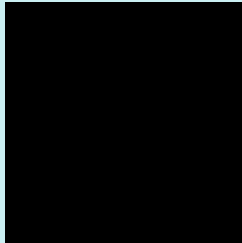
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

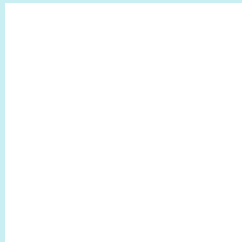
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 12.552, 205.779

Background



This preview shows how black text looks on a background with the CIELCh color 92, 12.552, 205.779.



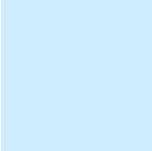
This preview shows how white text looks on a background with the CIELCh color 92, 12.552, 205.779.

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](#).

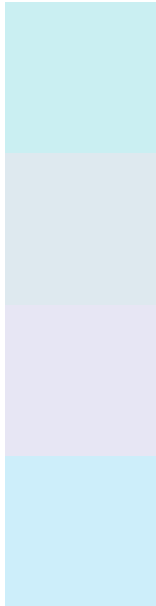
Dichromacy





Tritanopia
92, 13.645, 242.136

Trichromacy



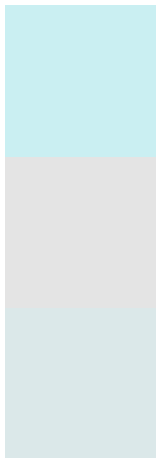
Original Color
92, 12.552, 205.779

Protanomaly
92, 4.879, 238.911

Deuteranomaly
92, 7.269, 293.502

Tritanomaly
92, 12.487, 228.738

Monochromacy



Original Color
92, 12.552, 205.779

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 4.571, 205.754

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 12.552, 205.779 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(202, 239, 242)` looks like.

```
.text, #text, p{  
    color:rgb(202, 239, 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(202, 239, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 239, 242) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 12.552, 205.779 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(202, 239, 242) }
```

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

```
.border{ border-color:rgb(202, 239, 242) }
```

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

Here you see how a box with a 4 pixel rgb(202, 239, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 239, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 239, 242);  
box-shadow:4px 4px 4px 4px rgb(202, 239,  
242) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 12.552, 205.779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 239, 242) }
```

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

```
.background{ background-color: rgb(202,  
239, 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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