

Converting Colors

CIELCh(94, 41.363, 284.953)

Have a look what the booklet for
CIELCh(94, 41.363, 284.953)
contains.

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Color

CIELCh(92, 12.342, 256.342)

Conversions

Conversions Part 1

Format	Color
Hex	D6EBFF
RGB	214, 235, 255
RGB Percent	84%, 92%, 100%
CMY	0.1619, 0.0796, 0.0011
CMYK	0.16, 0.08, 0.00, 0.00
HSL	209°, 99%, 92%
HSV	209°, 16%, 100%
XYZ	75.2755, 80.7044, 105.9694
YIQ	231.0010, -18.9360, 1.7680

Conversions

Conversions Part 2

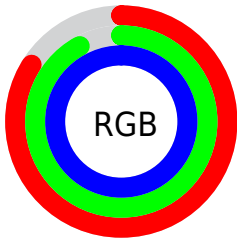
Format	Color
R _Y B	214, 228, 255
Decimal	14085119
CIE Lab	92.00, -2.91, -11.99
CIE LCh	92, 12.342, 256.342
Yxy	80.7044, 0.2874, 0.3081
Android (android.graphics.Color)	4292275199 (0xFFD6EBFF)
YUV	231.0010, 11.8315, -14.9099
Hunter-Lab	89.8356, -7.6428, -7.0530

Details

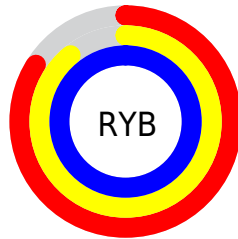
The CIELCh color `92, 12.342, 256.342` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `94, 12.909, 72.079`, and the grayscale version is `92, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `72, 12.277, 256.808` is the 20% darker color. If you saturate the color by 10%, you get `87, 19.863, 258.052`, and if you desaturate by 10%, it is `97, 4.704, 254.940`.

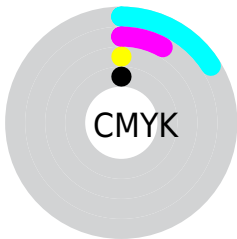
Distribution



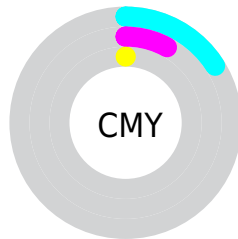
- Red (84%)
- Green (92%)
- Blue (100%)



- Red (84%)
- Yellow (89%)
- Blue (100%)



- Cyan (16%)
- Magenta (8%)
- Yellow (0%)
- Black (0%)





- Cyan (16%)
- Magenta (8%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 12.342, 256.342 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, 12.342, 256.342 by changing the saturation by 10% instead.


 92, 12.342,
256.342


 92, 12.342,
256.342


 100, 12.342,
256.342


 82, 12.342,
256.342

 72, 12.342,
256.342

 62, 12.342,
256.342

 52, 12.342,
256.342

 42, 12.342,
256.342

 32, 12.342,
256.342

 22, 12.342,

256.342

■ 12, 12.342,
256.342

■ 2, 12.342, 256.342

■ 92, 12.342,
256.342

■ 92, 12.342,
256.342

■ 87, 19.863,
258.052

■ 97, 4.704, 254.940

■ 82, 27.237,
260.116

100, 0.137,
109.604

■ 78, 34.438,
262.587

■ 73, 41.462,
265.525

■ 69, 48.337,
268.976

■ 64, 55.132,
272.941

■ 60, 61.963,
277.348

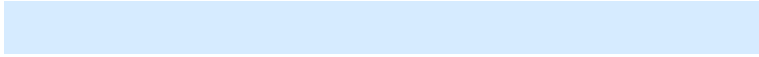
■ 57, 68.960,
282.024

■ 55, 71.776,
283.808

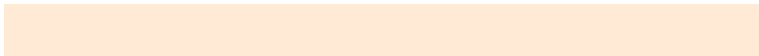
Harmonies

Complementary

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



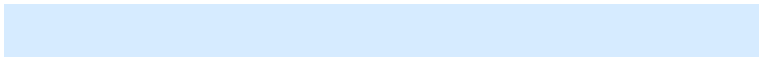
92, 12.342, 256.342



94, 12.909, 72.079

Rectangle

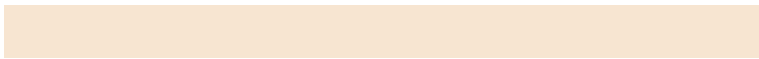
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92, 12.342, 256.342



92, 12.342, 306.342



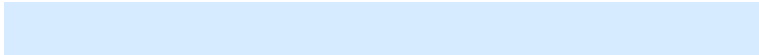
92, 12.342, 76.342



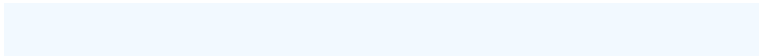
92, 12.342, 126.342

Sweetspot

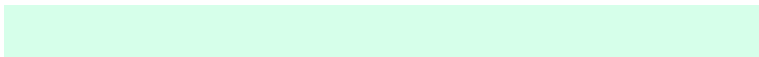
The Sweet Spot groups the original color and five complimentary colors.



92, 12.341, 256.334



98, 3.867, 254.817



97, 18.039, 161.402



52, 2.637, 254.895



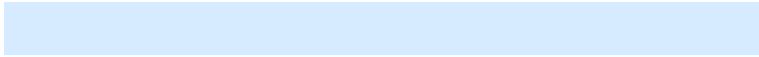
0, 0.000, 0.000



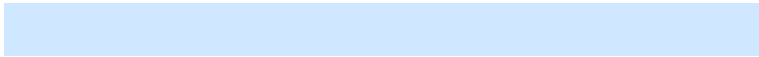
53, 0.007, 296.813

Same Dimension

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



92, 12.341, 256.334



91, 14.554, 256.800



87, 21.132, 291.308



51, 4.382, 255.374



42, 56.884, 282.955



12, 23.212, 276.304

Inverse Universe

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



89, 18.331, 344.358



88, 21.720, 344.638



99, 20.386, 107.918



50, 6.435, 343.744



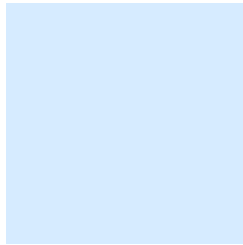
41, 68.394, 0.947



10, 31.990, 355.539

Previews

White Background



This preview shows how the CIE LCh color 92, 12.342, 256.342 looks on a white background.

Color Contrast Check

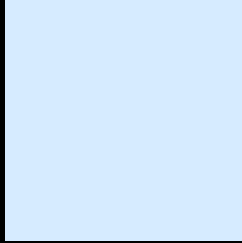
Large Text (above 18pt) WCAG AA × Fail

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, 12.342, 256.342 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

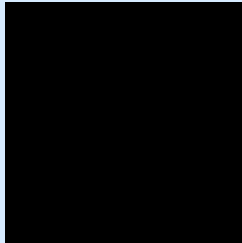
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

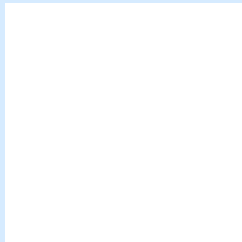
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 12.342, 256.342

Background



This preview shows how black text looks on a background with the CIELCh color 92, 12.342, 256.342.



This preview shows how white text looks on a background with the CIELCh color 92, 12.342, 256.342.

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, 12.342, 256.342

Protanopia

92, 11.395, 291.087

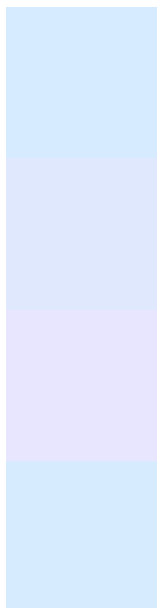
Deuteranopia

92, 16.077, 311.342



Tritanopia
92, 11.929, 254.841

Trichromacy



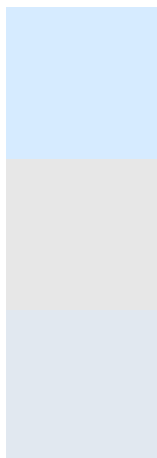
Original Color
92, 12.342, 256.342

Protanomaly
92, 11.145, 276.958

Deuteranomaly
92, 13.528, 295.577

Tritanomaly
92, 11.929, 254.841

Monochromacy



Original Color
92, 12.342, 256.342

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 4.769, 259.835

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 12.342, 256.342 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, 235, 255)` looks like.

```
.text, #text, p{  
    color:rgb(214, 235, 255)  
}
```

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, 235, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 235, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 12.342, 256.342 is called "border". The border property can be set on classes, ids or directly on the HTML element.

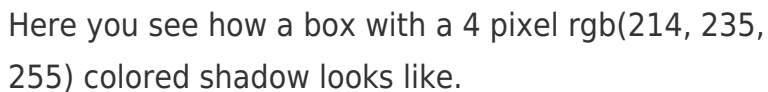
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(214, 235, 255) }
```

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

```
.border{ border-color:rgb(214, 235, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(214, 235, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(214, 235, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(214, 235, 255); box-shadow:4px 4px 4px 4px rgb(214, 235, 255) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 12.342, 256.342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 235, 255) }
```

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

```
.background{ background-color: rgb(214,  
235, 255) }
```

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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