

Converting Colors

CIELCh(96, 56.591, 289.509)

Have a look what the booklet for
CIELCh(96, 56.591, 289.509)
contains.

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Color

CIElCh(93, 11.232, 260.368)

Conversions

Conversions Part 1

Format	Color
Hex	DCEDFF
RGB	220, 237, 255
RGB Percent	86%, 93%, 100%
CMY	0.1378, 0.0711, 0.0000
CMYK	0.14, 0.07, 0.00, 0.00
HSL	211°, 100%, 93%
HSV	211°, 14%, 100%
XYZ	77.9151, 82.9670, 107.2655
YIQ	233.9690, -15.9100, 1.9940

Conversions

Conversions Part 2

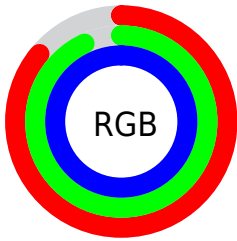
Format	Color
R _Y B	220, 231, 255
Decimal	14478847
CIE Lab	93.00, -1.88, -11.07
CIE LCh	93, 11.232, 260.368
Yxy	82.9670, 0.2906, 0.3094
Android (android.graphics.Color)	4292668927 (0xFFDCEDFF)
YUV	233.9690, 10.3683, -12.2508
Hunter-Lab	91.0862, -6.7121, -6.0611

Details

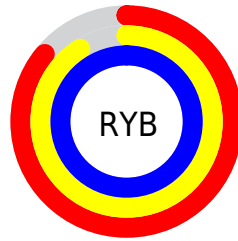
The CIELCh color **93, 11.232, 260.368** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **95, 11.191, 75.350**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 10.666, 259.393** is the 20% darker color. If you saturate the color by 10%, you get **88, 18.635, 260.721**, and if you desaturate by 10%, it is **98, 2.988, 257.731**.

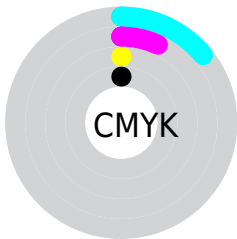
Distribution



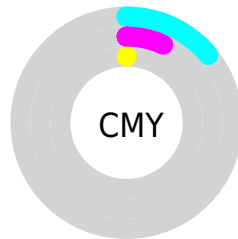
- Red (86%)
- Green (93%)
- Blue (100%)



- Red (86%)
- Yellow (91%)
- Blue (100%)



- Cyan (14%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)



- Cyan (14%)
- Magenta (7%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 11.232, 260.368 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 93, 11.232, 260.368 by changing the saturation by 10% instead.

■ 93, 11.232,
260.368

■ 93, 11.232,
260.368

■ 100, 11.232,
260.368

■ 83, 11.232,
260.368

■ 73, 11.232,
260.368

■ 63, 11.232,
260.368

■ 53, 11.232,
260.368

■ 43, 11.232,
260.368

■ 33, 11.232,
260.368

■ 23, 11.232,

260.368

■ 13, 11.232,
260.368

■ 3, 11.232, 260.368

■ 93, 11.232,
260.368

■ 93, 11.232,
260.368

■ 88, 18.635,
260.721

■ 98, 2.988, 257.731

■ 83, 26.332,
262.720

100, 0.012,
296.813

■ 78, 33.917,
265.101

■ 73, 41.388,
267.924

■ 69, 48.769,
271.230

■ 64, 56.125,
275.025

■ 60, 63.556,
279.250

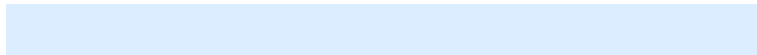
■ 56, 71.170,
283.748

■ 53, 76.047,
286.521

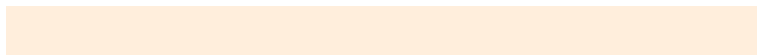
Harmonies

Complementary

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



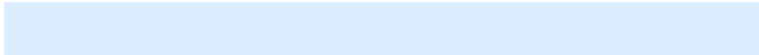
93, 11.232, 260.368



95, 11.191, 75.350

Rectangle

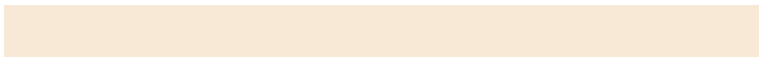
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93, 11.232, 260.368



93, 11.232, 310.368



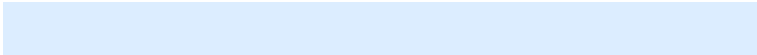
93, 11.232, 80.368



93, 11.232, 130.368

Sweetspot

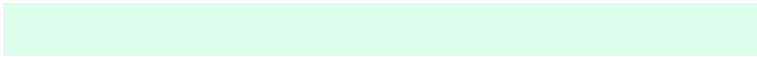
The Sweet Spot groups the original color and five complimentary colors.



93, 10.845, 259.051



98, 3.164, 257.752



97, 15.271, 162.493



52, 2.247, 257.831



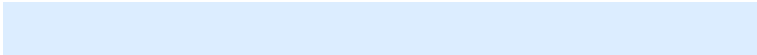
0, 0.000, 0.000



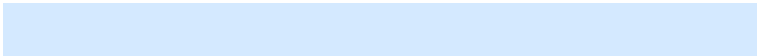
53, 0.007, 296.813

Same Dimension

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



93, 10.845, 259.051



91, 13.364, 259.556



89, 18.339, 291.671



50, 4.483, 258.431



40, 60.177, 285.700



12, 24.420, 279.271

Inverse Universe

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



91, 15.385, 345.687



89, 19.051, 346.002



99, 17.766, 108.834



50, 6.316, 345.279



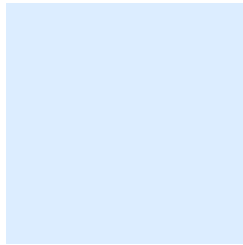
41, 68.107, 3.627



10, 31.728, 357.783

Previews

White Background



This preview shows how the CIE LCh color 93, 11.232, 260.368 looks on a white background.

Color Contrast Check

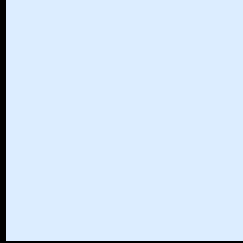
Large Text (above 18pt) WCAG AA × Fail

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 93, 11.232, 260.368 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

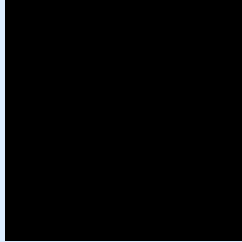
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

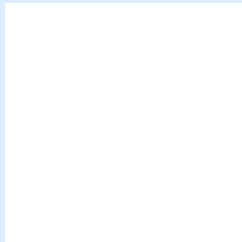
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 11.232, 260.368

Background



This preview shows how black text looks on a background with the CIELCh color 93, 11.232, 260.368.



This preview shows how white text looks on a background with the CIELCh color 93, 11.232, 260.368.

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

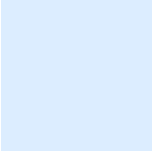
93, 10.790, 258.881

Protanopia

93, 10.335, 290.997

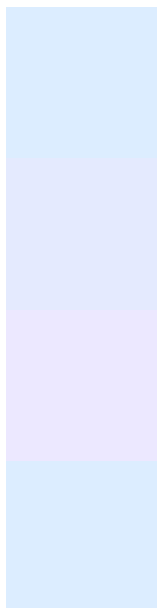
Deuteranopia

93, 14.736, 314.669



Tritanopia
93, 10.790, 258.881

Trichromacy



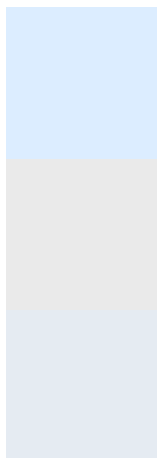
Original Color
93, 10.790, 258.881

Protanomaly
93, 10.491, 279.785

Deuteranomaly
93, 11.990, 297.666

Tritanomaly
93, 10.790, 258.881

Monochromacy



Original Color
93, 10.790, 258.881

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 4.147, 260.255

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 11.232, 260.368 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(220, 237, 255)` looks like.

```
.text, #text, p{  
    color:rgb(220, 237, 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(220, 237, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 237, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 11.232, 260.368 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(220, 237, 255) }
```

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

```
.border{ border-color:rgb(220, 237, 255) }
```

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

Here you see how a box with a 4 pixel rgb(220, 237, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 237, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 237, 255);  
box-shadow:4px 4px 4px 4px rgb(220, 237,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 11.232, 260.368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 237, 255) }
```

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

```
.background{ background-color: rgb(220,  
237, 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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