

Converting Colors

CIE LCh(93, 6.741, 228.233)

Have a look what the booklet for
CIELCh(93, 6.741, 228.233) contains.

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Color

CIELCh(93, 6.559, 227.377)

Conversions

Conversions Part 1

Format	Color
Hex	DDEEF4
RGB	221, 238, 244
RGB Percent	87%, 93%, 96%
CMY	0.1337, 0.0671, 0.0436
CMYK	0.09, 0.02, 0.00, 0.04
HSL	196°, 51%, 91%
HSV	196°, 9%, 96%
XYZ	76.6423, 82.9670, 97.4771
YIQ	233.6010, -12.0580, -1.7380

Conversions

Conversions Part 2

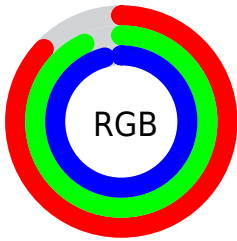
Format	Color
R _Y B	221, 231, 244
Decimal	14544628
CIE Lab	93.00, -4.44, -4.83
CIE LCh	93, 6.559, 227.377
Yxy	82.9670, 0.2981, 0.3227
Android (android.graphics.Color)	4292734708 (0xFFDDEEF4)
YUV	233.6010, 5.1267, -11.0511
Hunter-Lab	91.0862, -9.2065, 0.3104

Details

The CIELCh color `93, 6.559, 227.377` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `91, 6.929, 46.184`, 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, 6.540, 229.019` is the 20% darker color. If you saturate the color by 10%, you get `90, 13.175, 228.075`, and if you desaturate by 10%, it is `96, 0.401, 45.172`.

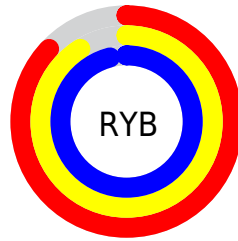
Distribution



Red (87%)

Green (93%)

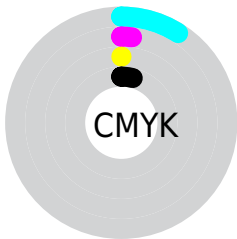
Blue (96%)



Red (87%)

Yellow (91%)

Blue (96%)

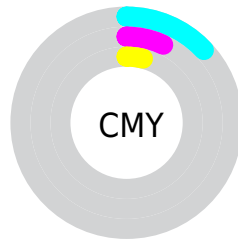


Cyan (9%)

Magenta (2%)

Yellow (0%)

Black (4%)



Cyan (13%)

Magenta (7%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 6.559, 227.377 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, 6.559, 227.377 by changing the saturation by 10% instead.

93, 6.559, 227.377

93, 6.559, 227.377

100, 6.559,
227.377

83, 6.559, 227.377

73, 6.559, 227.377

63, 6.559, 227.377

53, 6.559, 227.377

43, 6.559, 227.377

33, 6.559, 227.377

23, 6.559, 227.377

13, 6.559, 227.377

3, 6.559, 227.377

93, 6.559, 227.377

93, 6.559, 227.377

90, 13.175,
228.075

96, 0.401, 45.172

87, 19.357,
229.064

99, 3.732, 85.248

84, 25.010,
230.364

100, 5.620,
109.744

81, 30.040,
232.048

78, 34.371,
234.205

76, 37.961,
236.929

73, 40.829,
240.309

71, 43.077,
244.395

■ 69, 44.937,
249.094

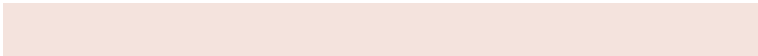
Harmonies

Complementary

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



93, 6.559, 227.377



91, 6.929, 46.184

Rectangle

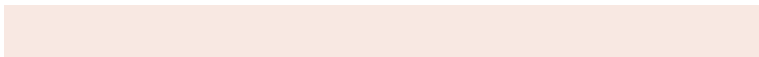
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



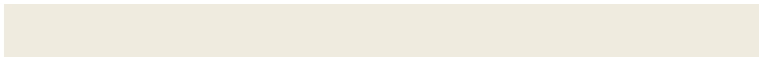
93, 6.559, 227.377



93, 6.559, 277.377



93, 6.559, 47.377



93, 6.559, 97.377

Sweetspot

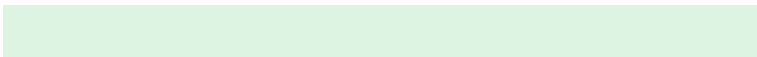
The Sweet Spot groups the original color and five complimentary colors.



93, 6.559, 227.358



99, 2.196, 227.162



94, 12.120, 151.728



53, 1.661, 227.147



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, 6.559, 227.358



96, 7.902, 227.453



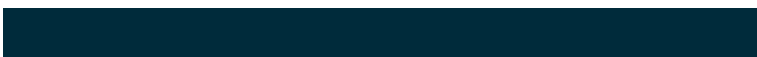
90, 9.143, 278.434



49, 3.964, 227.361



54, 36.576, 248.472



16, 15.693, 241.269

Inverse Universe

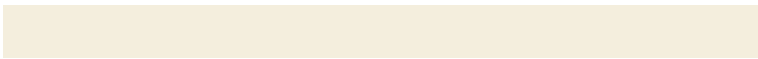
The Inverse Universe completely reimagines the original color for something new.



90, 12.076, 333.337



93, 14.621, 333.450



94, 9.073, 96.090



48, 7.300, 333.341



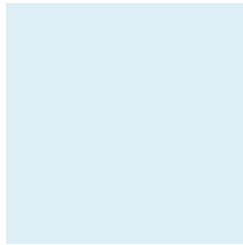
42, 74.784, 342.096



10, 34.069, 339.806

Previews

White Background



This preview shows how the CIELCh color 93, 6.559, 227.377 looks on a white background.

Color Contrast Check

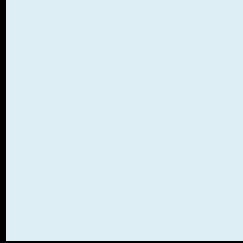
Large Text (above 18pt) WCAG AA × Fail

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 93, 6.559, 227.377 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

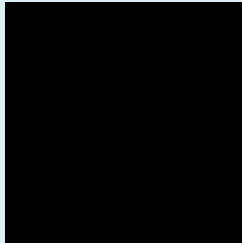
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

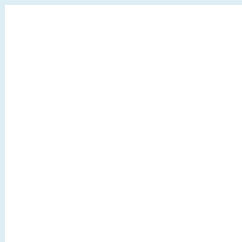
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 6.559, 227.377

Background



This preview shows how black text looks on a background with the CIELCh color 93, 6.559, 227.377.



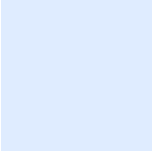
This preview shows how white text looks on a background with the CIELCh color 93, 6.559, 227.377.

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](#).

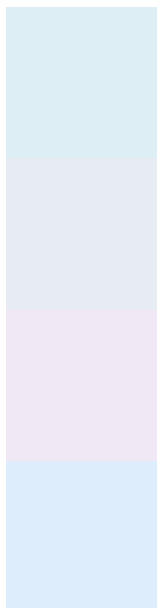
Dichromacy





Tritanopia
93, 10.652, 266.616

Trichromacy



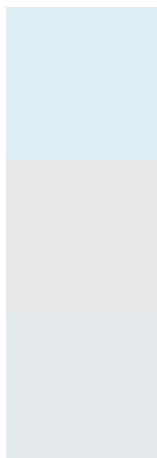
Original Color
93, 6.559, 227.377

Protanomaly
93, 3.857, 269.286

Deuteranomaly
93, 7.458, 315.683

Tritanomaly
93, 8.747, 255.101

Monochromacy



Original Color
93, 6.559, 227.377

Achromatopsia
92, 0.011, 296.813

Achromatomaly
93, 2.334, 225.833

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 6.559, 227.377 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(221, 238, 244)` looks like.

```
.text, #text, p{  
    color:rgb(221, 238, 244)  
}
```

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(221, 238, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 238, 244) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 6.559, 227.377 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(221, 238, 244) }
```

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

```
.border{ border-color:rgb(221, 238, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 238, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 238, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 238, 244);  
box-shadow:4px 4px 4px 4px rgb(221, 238,  
244) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 6.559, 227.377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 238, 244) }
```

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

```
.background{ background-color: rgb(221,  
238, 244) }
```

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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