

Converting Colors

CIE LCh(93, 5.233, 222.484)

Have a look what the booklet for
CIELCh(93, 5.233, 222.484) contains.

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Color

CIELCh(93, 5.236, 222.485)

Conversions

Conversions Part 1

Format	Color
Hex	DFEDF1
RGB	223, 237, 241
RGB Percent	87%, 93%, 95%
CMY	0.1237, 0.0688, 0.0531
CMYK	0.07, 0.02, 0.00, 0.05
HSL	193°, 40%, 91%
HSV	193°, 7%, 95%
XYZ	76.9293, 82.9670, 95.5333
YIQ	233.2700, -9.6280, -1.7240

Conversions

Conversions Part 2

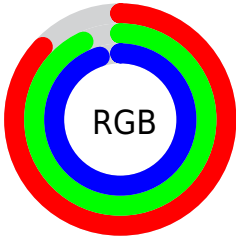
Format	Color
R _Y B	223, 231, 241
Decimal	14675441
CIE Lab	93.00, -3.86, -3.54
CIE LCh	93, 5.236, 222.485
Yxy	82.9670, 0.3012, 0.3248
Android (android.graphics.Color)	4292865521 (0xFFDFEDF1)
YUV	233.2700, 3.8109, -9.0068
Hunter-Lab	91.0862, -8.6440, 1.5757

Details

The CIELCh color `93, 5.236, 222.485` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `91, 5.477, 41.724`, 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, 5.150, 224.151` is the 20% darker color. If you saturate the color by 10%, you get `90, 11.940, 222.914`, and if you desaturate by 10%, it is `96, 1.821, 41.638`.

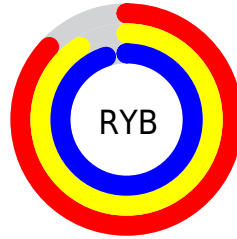
Distribution



Red (87%)

Green (93%)

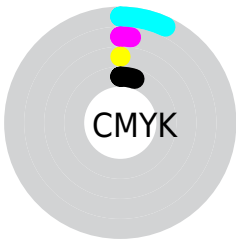
Blue (95%)



Red (87%)

Yellow (91%)

Blue (95%)

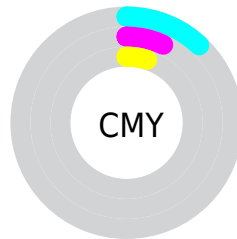


Cyan (7%)

Magenta (2%)

Yellow (0%)

Black (5%)



Cyan (12%)

Magenta (7%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 5.236, 222.485 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, 5.236, 222.485 by changing the saturation by 10% instead.

93, 5.236, 222.485

93, 5.236, 222.485

100, 5.236,
222.485

83, 5.236, 222.485

73, 5.236, 222.485

63, 5.236, 222.485

53, 5.236, 222.485

43, 5.236, 222.485

33, 5.236, 222.485

23, 5.236, 222.485

13, 5.236, 222.485

3, 5.236, 222.485

93, 5.236, 222.485

93, 5.236, 222.485

90, 11.940,
222.914

96, 1.821, 41.638

87, 18.194,
223.617

98, 4.174, 74.275

84, 23.896,
224.585

99, 6.139, 104.841

100, 6.856,
109.654

82, 28.941,
225.877

79, 33.236,
227.573

77, 36.717,
229.760

75, 39.373,
232.529

73, 41.269,
235.956

■ 71, 42.573,
240.052

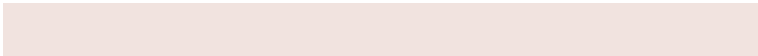
Harmonies

Complementary

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



93, 5.236, 222.485



91, 5.477, 41.724

Rectangle

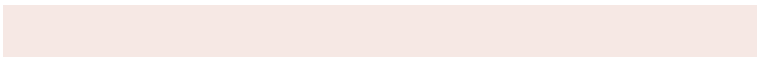
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



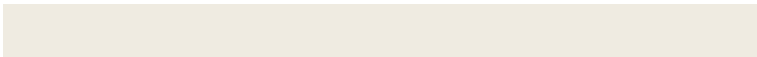
93, 5.236, 222.485



93, 5.236, 272.485



93, 5.236, 42.485



93, 5.236, 92.485

Sweetspot

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



93, 5.236, 222.460



99, 1.488, 222.560



94, 9.727, 150.667



53, 0.846, 222.579



0, 0.000, 0.000



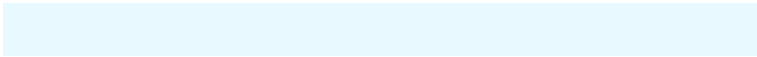
53, 0.007, 296.813

Same Dimension

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



93, 5.236, 222.460



97, 6.581, 222.510



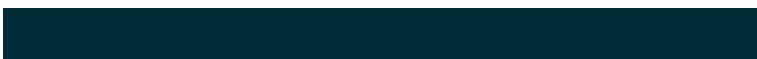
91, 6.895, 275.891



49, 3.947, 222.527



55, 34.811, 240.315



16, 14.928, 233.622

Inverse Universe

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



91, 9.723, 331.747



94, 12.280, 331.855



94, 6.862, 93.983



47, 7.376, 331.885



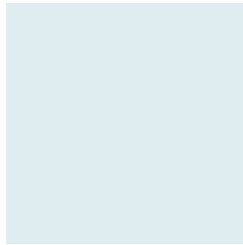
41, 76.088, 339.521



9, 33.979, 337.619

Previews

White Background



This preview shows how the CIELCh color 93, 5.236, 222.485 looks on a white background.

Color Contrast Check

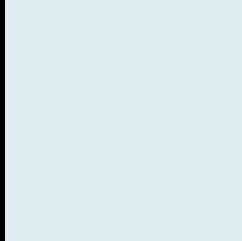
Large Text (above 18pt) WCAG AA × Fail

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, 5.236, 222.485 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

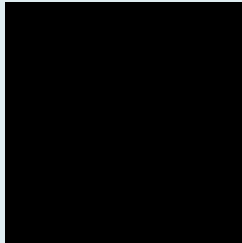
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

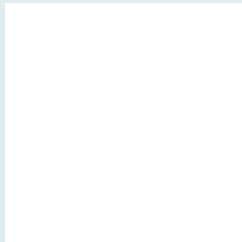
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 5.236, 222.485

Background



This preview shows how black text looks on a background with the CIELCh color 93, 5.236, 222.485.



This preview shows how white text looks on a background with the CIELCh color 93, 5.236, 222.485.

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](#).

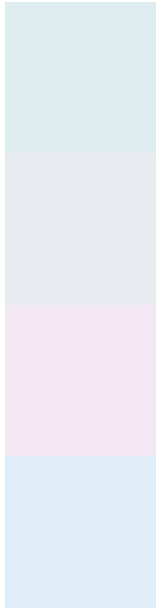
Dichromacy





Tritanopia
93, 10.213, 273.555

Trichromacy



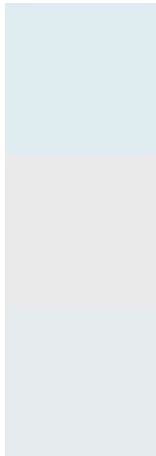
Original Color
93, 5.236, 222.485

Protanomaly
93, 2.777, 268.184

Deuteranomaly
93, 6.920, 324.649

Tritanomaly
93, 7.626, 261.140

Monochromacy



Original Color
93, 5.236, 222.485

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 2.027, 230.262

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 5.236, 222.485 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(223, 237, 241)` looks like.

```
.text, #text, p{  
    color:rgb(223, 237, 241)  
}
```

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(223, 237, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 237, 241) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 5.236, 222.485 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(223, 237, 241) }
```

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

```
.border{ border-color:rgb(223, 237, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 237, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 237, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 237, 241);  
box-shadow:4px 4px 4px 4px rgb(223, 237,  
241) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 5.236, 222.485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 237, 241) }
```

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

```
.background{ background-color: rgb(223,  
237, 241) }
```

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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