

Converting Colors

CIELCh(72, 25.510, 247.494)

Have a look what the booklet for
CIELCh(72, 25.510, 247.494)
contains.

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Color

CIELCh(72, 25.426, 247.432)

Conversions

Conversions Part 1

Format	Color
Hex	7EB8DB
RGB	126, 184, 219
RGB Percent	49%, 72%, 86%
CMY	0.5071, 0.2797, 0.1425
CMYK	0.43, 0.16, 0.00, 0.14
HSL	203°, 56%, 68%
HSV	203°, 43%, 86%
XYZ	38.3757, 43.6590, 73.1974
YIQ	170.6480, -45.8030, -1.4110

Conversions

Conversions Part 2

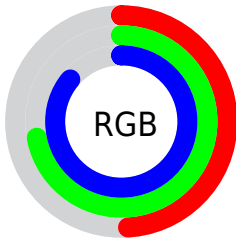
Format	Color
RYB	126, 162, 219
Decimal	8304859
CIELab	72.00, -9.76, -23.48
CIElCh	72, 25.426, 247.432
Yxy	43.6590, 0.2472, 0.2812
Android (android.graphics.Color)	4286494939 (0xFF7EB8DB)
YUV	170.6480, 23.8375, -39.1563
Hunter-Lab	66.0750, -11.9601, -19.4286

Details

The CIELCh color **72, 25.426, 247.432** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **71, 31.713, 57.199**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 19.863, 221.516**, and **52, 25.399, 247.703** is the 20% darker color. If you saturate the color by 10%, you get **69, 30.550, 249.935**, and if you desaturate by 10%, it is **75, 19.922, 245.391**.

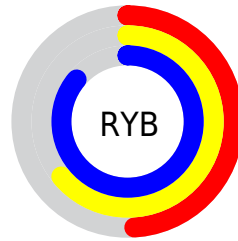
Distribution



Red (49%)

Green (72%)

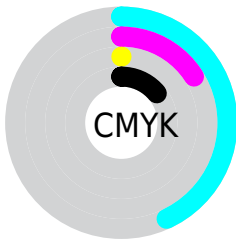
Blue (86%)



Red (49%)

Yellow (64%)

Blue (86%)

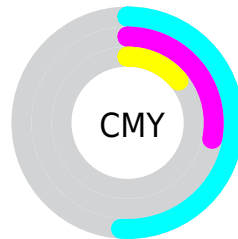


Cyan (43%)

Magenta (16%)

Yellow (0%)

Black (14%)



Cyan (51%)


Magenta (28%)


Yellow (14%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 25.426, 247.432 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 72, 25.426, 247.432 by changing the saturation by 10% instead.


 72, 25.426,
247.432


 72, 25.426,
247.432


 100, 25.426,
247.432


 62, 25.426,
247.432


 92, 25.426,
247.432

 52, 25.426,
247.432

 42, 25.426,
247.432

 32, 25.426,
247.432

 22, 25.426,
247.432

 12, 25.426,
247.432

 2, 25.426, 247.432

0, 25.426, 247.432

72, 25.426,
247.432

72, 25.426,
247.432

69, 30.550,
249.935

75, 19.922,
245.391

65, 35.274,
252.985

79, 14.086,
243.738

62, 39.617,
256.644

83, 7.971, 242.411

60, 43.654,
260.929

86, 1.634, 241.545

57, 47.524,
265.773

90, 4.874, 60.236

55, 50.449,
269.550

94, 10.969, 61.903

96, 12.600, 85.562

■ 98, 15.777,
101.601

■ 99, 18.367,
108.788

Harmonies

Complementary

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



72, 25.426, 247.432



71, 31.713, 57.199

Rectangle

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



72, 25.426, 247.432



72, 25.426, 297.432



72, 25.426, 67.432



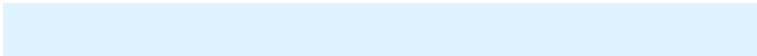
72, 25.426, 117.432

Sweetspot

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



72, 25.425, 247.430



95, 9.364, 242.481



80, 45.415, 153.150



50, 6.528, 242.753



0, 0.000, 0.000



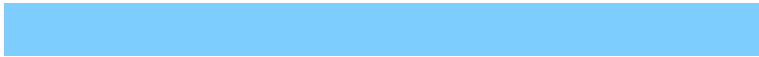
53, 0.007, 296.813

Same Dimension

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



72, 25.425, 247.430



79, 33.707, 249.639



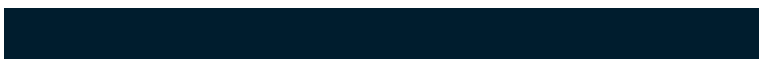
60, 45.558, 290.522



44, 3.640, 242.065



44, 41.941, 268.673



9, 14.970, 257.971

Inverse Universe

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



64, 46.053, 341.158



70, 61.664, 342.142



82, 42.101, 99.419



43, 6.142, 338.201



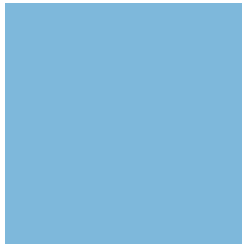
38, 66.241, 350.738



6, 26.705, 345.881

Previews

White Background



This preview shows how the CIELCh color 72, 25.426, 247.432 looks on a white background.

Color Contrast Check

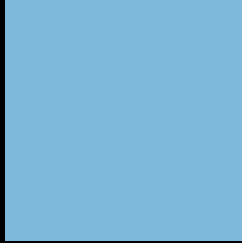
Large Text (above 18pt) WCAG AA × Fail

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 72, 25.426, 247.432 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 72, 25.426, 247.432

Background



This preview shows how black text looks on a background with the CIELCh color 72, 25.426, 247.432.



This preview shows how white text looks on a background with the CIELCh color 72, 25.426, 247.432.

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
72, 22.218, 219.677

Trichromacy



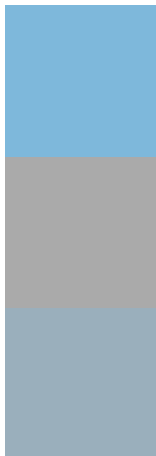
Original Color
72, 25.426, 247.432

Protanomaly
72, 20.981, 268.995

Deuteranomaly
72, 24.848, 275.084

Tritanomaly
72, 22.684, 230.248

Monochromacy



Original Color
72, 25.426, 247.432

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 10.113, 243.870

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 25.426, 247.432 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(126, 184, 219)` looks like.

```
.text, #text, p{  
    color:rgb(126, 184, 219)  
}
```

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(126, 184, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 184, 219) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 25.426, 247.432 is called "border". The border property can be set on classes, ids or directly on the HTML element.

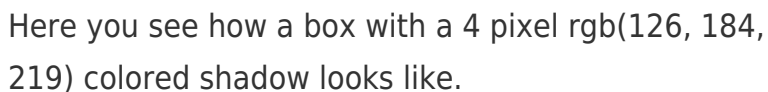
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(126, 184, 219) }
```

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

```
.border{ border-color:rgb(126, 184, 219) }
```

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



Here you see how a box with a 4 pixel `rgb(126, 184, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(126, 184, 219); -webkit-box-shadow:4px 4px 4px 4px rgb(126, 184, 219); box-shadow:4px 4px 4px 4px rgb(126, 184, 219) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 25.426, 247.432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 184, 219) }
```

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

```
.background{ background-color: rgb(126,  
184, 219) }
```

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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