

Converting Colors

CIELCh(70, 46.149, 262.083)

Have a look what the booklet for
CIELCh(70, 46.149, 262.083)
contains.

CIELCh(70, 46.208, 262.125)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(70, 46.208, 262.125)

Conversions

Conversions Part 1

Format	Color
Hex	4BB3FE
RGB	75, 179, 254
RGB Percent	29%, 70%, 100%
CMY	0.7073, 0.2991, 0.0051
CMYK	0.71, 0.30, 0.00, 0.01
HSL	205°, 99%, 64%
HSV	205°, 71%, 99%
XYZ	36.7803, 40.7494, 99.4485
YIQ	156.4540, -86.0590, 1.2770

Conversions

Conversions Part 2

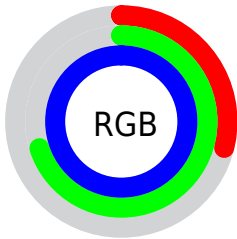
Format	Color
R _Y B	75, 141, 254
Decimal	4961278
CIE Lab	70.00, -6.33, -45.77
CIE LCh	70, 46.208, 262.125
Yxy	40.7494, 0.2078, 0.2303
Android (android.graphics.Color)	4283151358 (0xFF4BB3FE)
YUV	156.4540, 48.0902, -71.4352
Hunter-Lab	63.8353, -8.8644, -47.6828

Details

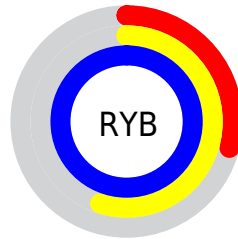
The CIELCh color **70, 46.208, 262.125** is a light color, and the websafe version is hex **3399CC**. The color can be described as light washed azure. A complement of this color would be **72, 64.187, 58.845**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 29.112, 218.983**, and **51, 44.570, 265.951** is the 20% darker color. If you saturate the color by 10%, you get **66, 51.590, 266.406**, and if you desaturate by 10%, it is **74, 40.595, 258.432**.

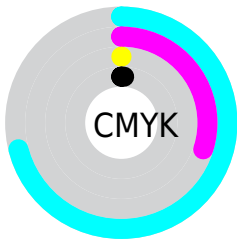
Distribution



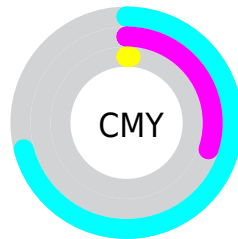
- Red (29%)
- Green (70%)
- Blue (100%)



- Red (29%)
- Yellow (55%)
- Blue (100%)



- Cyan (71%)
- Magenta (30%)
- Yellow (0%)
- Black (1%)





- Cyan (71%)
- Magenta (30%)
- Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 46.208, 262.125 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 70, 46.208, 262.125 by changing the saturation by 10% instead.


 70, 46.208,
262.125


 70, 46.208,
262.125


 100, 46.208,
262.125


 60, 46.208,
262.125


 90, 46.208,
262.125

 50, 46.208,
262.125

 40, 46.208,
262.125

 30, 46.208,
262.125

 20, 46.208,
262.125

 10, 46.208,
262.125

 0, 46.208, 262.125

70, 46.208,
262.125

70, 46.208,
262.125

66, 51.590,
266.406

74, 40.595,
258.432

63, 56.890,
271.187

78, 34.666,
255.320

60, 61.990,
275.896

82, 28.393,
252.738

86, 21.790,
250.613

90, 14.897,
248.871

95, 7.763, 247.459

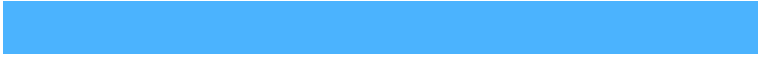
99, 0.441, 247.365

100, 0.643,
110.009

Harmonies

Complementary

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



70, 46.208, 262.125



72, 64.187, 58.845

Rectangle

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



70, 46.208, 262.125



70, 46.208, 312.125



70, 46.208, 82.125



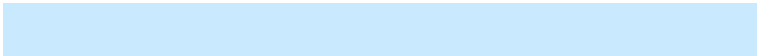
70, 46.208, 132.125

Sweetspot

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



70, 46.207, 262.126



91, 15.250, 248.937



89, 76.810, 150.986



47, 10.279, 249.388



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



70, 46.207, 262.126



65, 54.149, 268.474



47, 95.376, 299.435



51, 4.192, 247.327



46, 49.392, 274.979



14, 20.538, 267.872

Inverse Universe

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



61, 77.232, 347.502



57, 84.667, 350.689



93, 77.718, 99.327



50, 6.748, 340.216



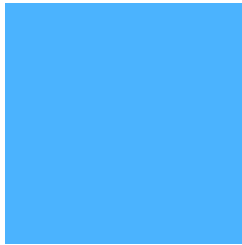
42, 69.812, 354.613



11, 32.862, 350.299

Previews

White Background



This preview shows how the CIELCh color 70, 46.208, 262.125 looks on a white background.

Color Contrast Check

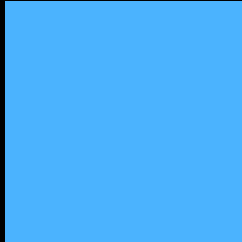
Large Text (above 18pt) WCAG AA × Fail

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 70, 46.208, 262.125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

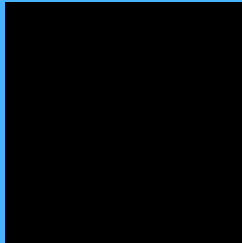
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

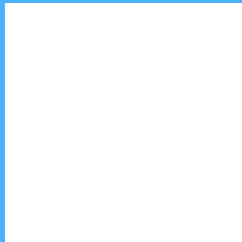
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 46.208, 262.125

Background



This preview shows how black text looks on a background with the CIELCh color 70, 46.208, 262.125.



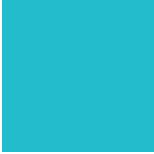
This preview shows how white text looks on a background with the CIELCh color 70, 46.208, 262.125.

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
70, 36.921, 210.702

Trichromacy



Original Color
70, 46.208, 262.125

Protanomaly
69, 43.770, 275.298

Deuteranomaly
70, 46.852, 273.907

Tritanomaly
70, 36.919, 231.067

Monochromacy



Original Color
70, 46.208, 262.125

Achromatopsia
64, 0.008, 296.813

Achromatomaly
66, 19.506, 251.960

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 46.208, 262.125 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(75, 179, 254)` looks like.

```
.text, #text, p{  
    color:rgb(75, 179, 254)  
}
```

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(75, 179, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 179, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 46.208, 262.125 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(75, 179, 254) }
```

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

```
.border{ border-color:rgb(75, 179, 254) }
```

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

Here you see how a box with a 4 pixel rgb(75, 179, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 179, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 179, 254);  
box-shadow:4px 4px 4px 4px rgb(75, 179,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 46.208, 262.125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 179, 254) }
```

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

```
.background{ background-color: rgb(75, 179,  
254) }
```

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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