

Converting Colors

CIELCh(70, 31.348, 244.499)

Have a look what the booklet for
CIELCh(70, 31.348, 244.499)
contains.

CIELCh(70, 31.424, 244.175)	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, 31.424, 244.175)

Conversions

Conversions Part 1

Format	Color
Hex	62B5DE
RGB	98, 181, 222
RGB Percent	38%, 71%, 87%
CMY	0.6171, 0.2915, 0.1307
CMYK	0.56, 0.18, 0.00, 0.13
HSL	200°, 65%, 63%
HSV	200°, 56%, 87%
XYZ	34.5967, 40.7494, 74.9132
YIQ	160.8570, -62.6290, -4.8450

Conversions

Conversions Part 2

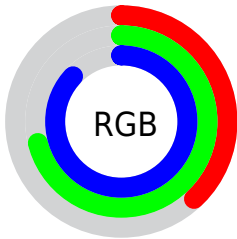
Format	Color
R_{YB}	98, 148, 222
Decimal	6469086
CIE Lab	70.00, -13.69, -28.29
CIE LCh	70, 31.424, 244.175
Yxy	40.7494, 0.2302, 0.2712
Android (android.graphics.Color)	4284659166 (0xFF62B5DE)
YUV	160.8570, 30.1435, -55.1256
Hunter-Lab	63.8353, -14.9702, -24.8944

Details

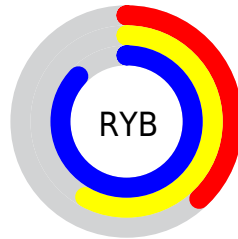
The CIELCh color **70, 31.424, 244.175** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **66, 44.602, 51.789**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 25.877, 219.370**, and **50, 31.570, 244.609** is the 20% darker color. If you saturate the color by 10%, you get **67, 35.568, 247.212**, and if you desaturate by 10%, it is **73, 26.763, 241.711**.

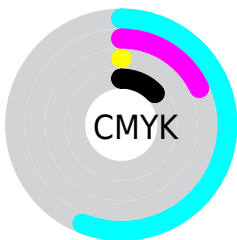
Distribution



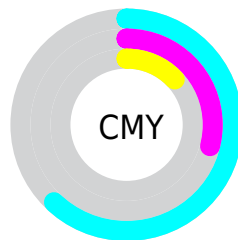
- Red (38%)
- Green (71%)
- Blue (87%)



- Red (38%)
- Yellow (58%)
- Blue (87%)



- Cyan (56%)
- Magenta (18%)
- Yellow (0%)
- Black (13%)





- Cyan (62%)
- Magenta (29%)
- Yellow (13%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 31.424, 244.175 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, 31.424, 244.175 by changing the saturation by 10% instead.


 70, 31.424,
244.175


 70, 31.424,
244.175


 100, 31.424,
244.175


 60, 31.424,
244.175


 90, 31.424,
244.175

 50, 31.424,
244.175

 40, 31.424,
244.175

 30, 31.424,
244.175

 20, 31.424,
244.175

 10, 31.424,
244.175

 0, 31.424, 244.175

70, 31.424,
244.175

70, 31.424,
244.175

67, 35.568,
247.212

73, 26.763,
241.711

64, 39.219,
250.896

76, 21.614,
239.733

62, 42.465,
255.252

79, 16.031,
238.156

59, 45.467,
260.210

83, 10.081,
236.909

59, 46.701,
262.255

86, 3.835, 235.982

90, 2.646, 54.833

93, 9.303, 54.323

95, 10.695, 76.763

97, 13.052, 95.538

Harmonies

Complementary

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



70, 31.424, 244.175



66, 44.602, 51.789

Rectangle

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



70, 31.424, 244.175



70, 31.424, 294.175



70, 31.424, 64.175



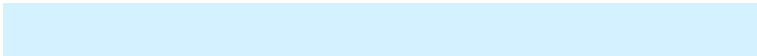
70, 31.424, 114.175

Sweetspot

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



70, 31.423, 244.174



93, 12.010, 237.041



80, 61.607, 149.348



49, 7.998, 237.276



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, 31.423, 244.174



76, 40.214, 247.749



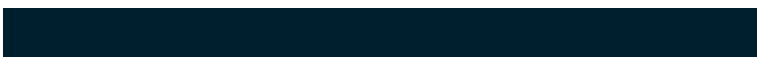
53, 58.365, 291.151



44, 3.605, 236.258



46, 38.502, 261.321



10, 14.144, 250.785

Inverse Universe

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



59, 61.403, 340.293



63, 78.818, 341.679



80, 52.997, 94.784



43, 6.345, 336.174



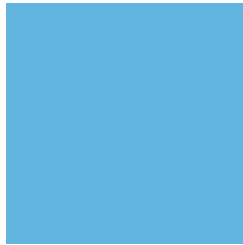
38, 67.913, 347.076



6, 27.474, 343.032

Previews

White Background



This preview shows how the CIELCh color 70, 31.424, 244.175 looks on a white background.

Color Contrast Check

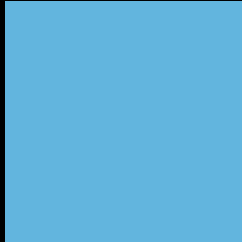
Large Text (above 18pt) WCAG AA × Fail

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, 31.424, 244.175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

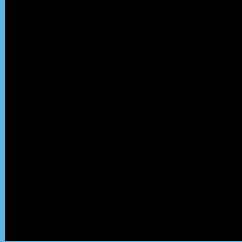
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 31.424, 244.175

Background



This preview shows how black text looks on a background with the CIELCh color 70, 31.424, 244.175.

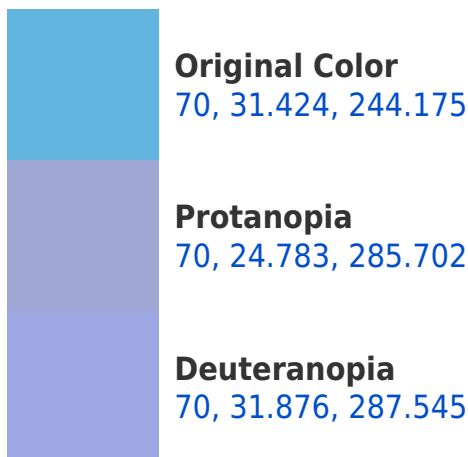


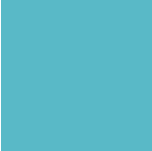
This preview shows how white text looks on a background with the CIELCh color 70, 31.424, 244.175.

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, 28.889, 212.903

Trichromacy



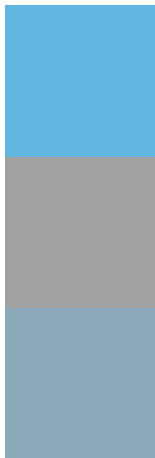
Original Color
70, 31.424, 244.175

Protanomaly
70, 25.708, 266.252

Deuteranomaly
69, 30.190, 270.881

Tritanomaly
70, 28.805, 225.053

Monochromacy



Original Color
70, 31.424, 244.175

Achromatopsia
66, 0.008, 296.813

Achromatomaly
67, 13.062, 238.310

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 31.424, 244.175 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(98, 181, 222)` looks like.

```
.text, #text, p{  
    color:rgb(98, 181, 222)  
}
```

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(98, 181, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 181, 222) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 31.424, 244.175 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(98, 181, 222) }
```

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

```
.border{ border-color:rgb(98, 181, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 181, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 181, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 181, 222);  
box-shadow:4px 4px 4px 4px rgb(98, 181,  
222) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 31.424, 244.175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 181, 222) }
```

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

```
.background{ background-color: rgb(98, 181,  
222) }
```

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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