

Converting Colors

CIELCh(70, 30.418, 247.326)

Have a look what the booklet for
CIELCh(70, 30.418, 247.326)
contains.

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Color

CIELCh(70, 30.247, 246.654)

Conversions

Conversions Part 1

Format	Color
Hex	69B4DD
RGB	105, 180, 221
RGB Percent	41%, 71%, 87%
CMY	0.5891, 0.2950, 0.1342
CMYK	0.53, 0.19, 0.00, 0.13
HSL	201°, 63%, 64%
HSV	201°, 53%, 87%
XYZ	35.0941, 40.7494, 74.2595
YIQ	162.2490, -57.8610, -3.1490

Conversions

Conversions Part 2

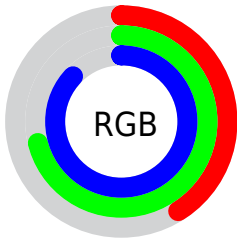
Format	Color
RYB	105, 151, 221
Decimal	6927581
CIELab	70.00, -11.99, -27.77
CIELCh	70, 30.247, 246.654
Yxy	40.7494, 0.2338, 0.2715
Android (android.graphics.Color)	4285117661 (0xFF69B4DD)
YUV	162.2490, 28.9642, -50.2074
Hunter-Lab	63.8353, -13.5794, -24.2873

Details

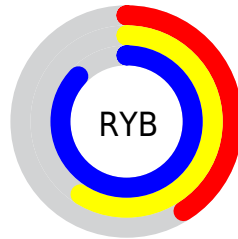
The CIELCh color **70, 30.247, 246.654** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **67, 41.017, 54.168**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 24.306, 222.294**, and **50, 30.384, 247.211** is the 20% darker color. If you saturate the color by 10%, you get **67, 34.768, 249.609**, and if you desaturate by 10%, it is **73, 25.268, 244.245**.

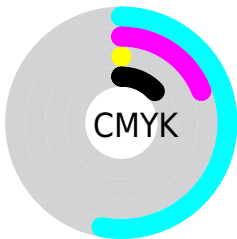
Distribution



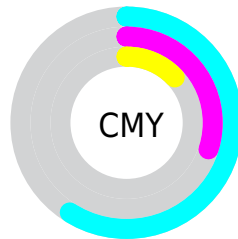
- Red (41%)
- Green (71%)
- Blue (87%)



- Red (41%)
- Yellow (59%)
- Blue (87%)



- Cyan (53%)
- Magenta (19%)
- Yellow (0%)
- Black (13%)





- Cyan (59%)
- Magenta (30%)
- Yellow (13%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 30.247, 246.654 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, 30.247, 246.654 by changing the saturation by 10% instead.


 70, 30.247,
246.654


 70, 30.247,
246.654


 100, 30.247,
246.654


 60, 30.247,
246.654


 90, 30.247,
246.654

 50, 30.247,
246.654

 40, 30.247,
246.654

 30, 30.247,
246.654

 20, 30.247,
246.654

 10, 30.247,
246.654

 0, 30.247, 246.654

70, 30.247,
246.654

70, 30.247,
246.654

67, 34.768,
249.609

73, 25.268,
244.245

64, 38.844,
253.186

77, 19.862,
242.300

61, 42.546,
257.414

80, 14.083,
240.737

59, 46.012,
262.245

84, 7.992, 239.495

57, 48.594,
266.040

87, 1.651, 238.714

91, 4.882, 57.466

94, 10.314, 62.211

96, 11.896, 85.960

98, 14.938,
101.953

Harmonies

Complementary

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



70, 30.247, 246.654



67, 41.017, 54.168

Rectangle

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



70, 30.247, 246.654



70, 30.247, 296.654



70, 30.247, 66.654



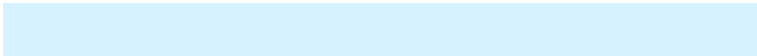
70, 30.247, 116.654

Sweetspot

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



70, 30.246, 246.653



94, 11.382, 239.906



80, 56.493, 151.146



49, 7.653, 240.161



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, 30.246, 246.653



76, 39.227, 249.926



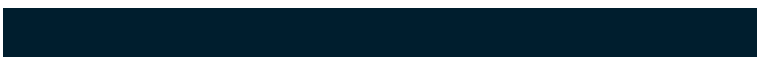
54, 56.647, 291.952



44, 3.617, 239.173



45, 40.140, 265.122



10, 14.530, 254.454

Inverse Universe

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



60, 57.177, 341.079



64, 74.414, 342.408



81, 51.194, 97.293



43, 6.242, 337.170



38, 67.038, 348.873



6, 27.080, 344.428

Previews

White Background



This preview shows how the CIELCh color 70, 30.247, 246.654 looks on a white background.

Color Contrast Check

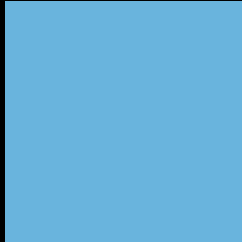
Large Text (above 18pt) WCAG AA × Fail

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, 30.247, 246.654 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

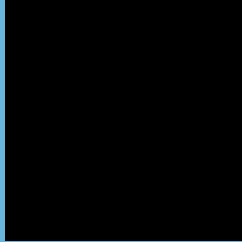
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 30.247, 246.654

Background



This preview shows how black text looks on a background with the CIELCh color 70, 30.247, 246.654.

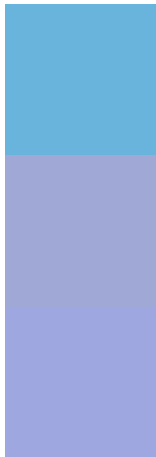


This preview shows how white text looks on a background with the CIELCh color 70, 30.247, 246.654.

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



Original Color

70, 30.247, 246.654

Protanopia

70, 24.754, 286.452

Deuteranopia

70, 30.770, 287.791



Tritanopia
70, 27.072, 215.351

Trichromacy



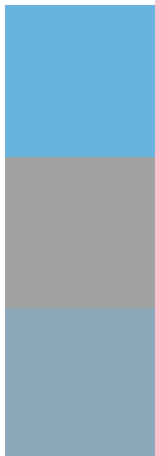
Original Color
70, 30.247, 246.654

Protanomaly
69, 25.775, 269.333

Deuteranomaly
70, 28.837, 271.984

Tritanomaly
70, 27.261, 228.238

Monochromacy



Original Color
70, 30.247, 246.654

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 12.321, 241.257

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 30.247, 246.654 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(105, 180, 221)` looks like.

```
.text, #text, p{  
    color:rgb(105, 180, 221)  
}
```

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(105, 180, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 180, 221) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 30.247, 246.654 is called "border". The border property can be set on classes, ids or directly on the HTML element.

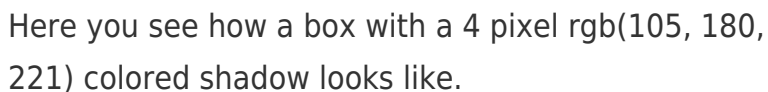
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(105, 180, 221) }
```

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

```
.border{ border-color:rgb(105, 180, 221) }
```

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



Here you see how a box with a 4 pixel `rgb(105, 180, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 180, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 180, 221);  
box-shadow:4px 4px 4px 4px rgb(105, 180,  
221) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 30.247, 246.654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 180, 221) }
```

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

```
.background{ background-color: rgb(105,  
180, 221) }
```

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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