

Converting Colors

CIELCh(70, 34.087, 261.906)

Have a look what the booklet for
CIELCh(70, 34.087, 261.906)
contains.

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Color

CIELCh(70, 34.046, 261.664)

Conversions

Conversions Part 1

Format	Color
Hex	73B1E8
RGB	115, 177, 232
RGB Percent	45%, 69%, 91%
CMY	0.5503, 0.3071, 0.0915
CMYK	0.51, 0.24, 0.00, 0.09
HSL	208°, 71%, 68%
HSV	208°, 51%, 91%
XYZ	37.2044, 40.7494, 81.9999
YIQ	164.7320, -54.6070, 3.9610

Conversions

Conversions Part 2

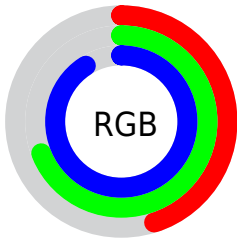
Format	Color
R _Y B	115, 156, 232
Decimal	7582184
CIE Lab	70.00, -4.94, -33.69
CIE LCh	70, 34.046, 261.664
Yxy	40.7494, 0.2326, 0.2548
Android (android.graphics.Color)	4285772264 (0xFF73B1E8)
YUV	164.7320, 33.1631, -43.6150
Hunter-Lab	63.8353, -7.6785, -31.4766

Details

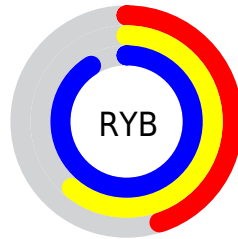
The CIELCh color **70, 34.046, 261.664** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **74, 40.671, 66.052**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 21.708, 230.452**, and **50, 33.827, 261.184** is the 20% darker color. If you saturate the color by 10%, you get **66, 40.236, 264.794**, and if you desaturate by 10%, it is **74, 27.656, 259.029**.

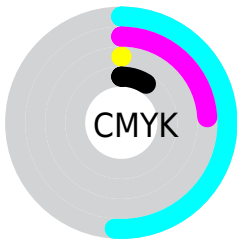
Distribution



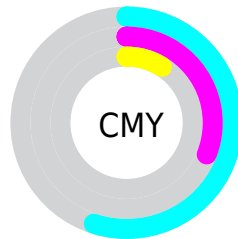
- Red (45%)
- Green (69%)
- Blue (91%)



- Red (45%)
- Yellow (61%)
- Blue (91%)



- Cyan (51%)
- Magenta (24%)
- Yellow (0%)
- Black (9%)



- Cyan (55%)
- Magenta (31%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 34.046, 261.664 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, 34.046, 261.664 by changing the saturation by 10% instead.

 70, 34.046,
261.664

 70, 34.046,
261.664

 100, 34.046,
261.664

 60, 34.046,
261.664


 90, 34.046,
261.664

 50, 34.046,
261.664

 40, 34.046,
261.664

 30, 34.046,
261.664

 20, 34.046,
261.664

 10, 34.046,
261.664

 0, 34.046, 261.664

70, 34.046,
261.664

70, 34.046,
261.664

66, 40.236,
264.794

74, 27.656,
259.029

62, 46.267,
268.455

78, 21.067,
256.830

58, 52.219,
272.629

83, 14.299,
255.002

55, 58.213,
277.215

87, 7.386, 253.495

52, 64.084,
281.688

92, 0.362, 253.355

96, 6.737, 70.996

99, 10.781,
105.308

99, 11.810,
109.285

Harmonies

Complementary

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



70, 34.046, 261.664



74, 40.671, 66.052

Rectangle

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



70, 34.046, 261.664



70, 34.046, 311.664



70, 34.046, 81.664



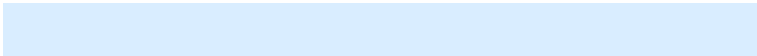
70, 34.046, 131.664

Sweetspot

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



70, 34.045, 261.664



93, 11.361, 254.146



84, 51.399, 156.599



48, 7.738, 254.470



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, 34.045, 261.664



72, 43.802, 265.073



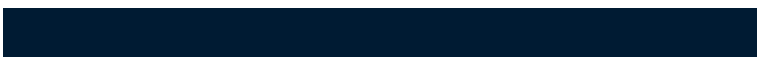
55, 64.781, 296.441



46, 3.967, 253.356



40, 51.878, 280.828



9, 18.788, 271.867

Inverse Universe

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



64, 53.583, 347.310



65, 68.064, 349.034



89, 56.677, 103.824



45, 5.973, 342.793



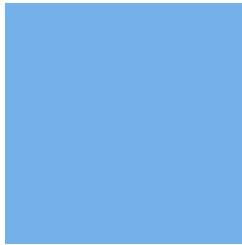
38, 65.268, 359.064



7, 27.932, 352.690

Previews

White Background



This preview shows how the CIELCh color 70, 34.046, 261.664 looks on a white background.

Color Contrast Check

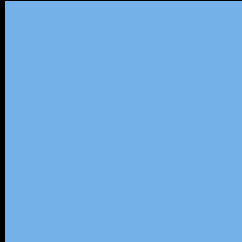
Large Text (above 18pt) WCAG AA × Fail

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, 34.046, 261.664 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

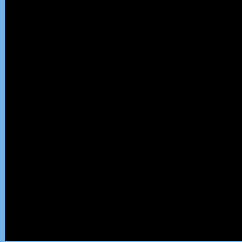
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

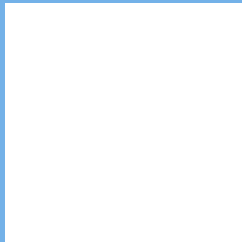
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 34.046, 261.664

Background



This preview shows how black text looks on a background with the CIELCh color 70, 34.046, 261.664.

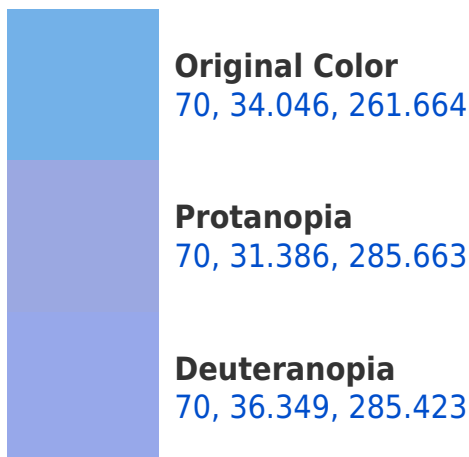


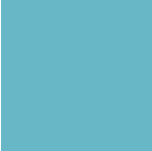
This preview shows how white text looks on a background with the CIELCh color 70, 34.046, 261.664.

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, 25.532, 216.582

Trichromacy



Original Color
70, 34.046, 261.664

Protanomaly
70, 31.732, 275.707

Deuteranomaly
70, 34.943, 276.993

Tritanomaly
70, 26.576, 235.053

Monochromacy



Original Color
70, 34.046, 261.664

Achromatopsia
67, 0.008, 296.813

Achromatomaly
68, 13.372, 254.773

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 34.046, 261.664 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(115, 177, 232)` looks like.

```
.text, #text, p{  
    color:rgb(115, 177, 232)  
}
```

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(115, 177, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 177, 232) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 34.046, 261.664 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(115, 177, 232) }
```

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

```
.border{ border-color:rgb(115, 177, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 177, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(115, 177, 232); -webkit-box-shadow:4px 4px 4px 4px rgb(115, 177, 232); box-shadow:4px 4px 4px 4px rgb(115, 177, 232) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 34.046, 261.664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 177, 232) }
```

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

```
.background{ background-color: rgb(115,  
177, 232) }
```

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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