

Converting Colors

CIELCh(70, 26.041, 260.302)

Have a look what the booklet for
CIELCh(70, 26.041, 260.302)
contains.

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Color

CIELCh(70, 25.877, 259.587)

Conversions

Conversions Part 1

Format	Color
Hex	83B0D9
RGB	131, 176, 217
RGB Percent	51%, 69%, 85%
CMY	0.4873, 0.3108, 0.1501
CMYK	0.40, 0.19, 0.00, 0.15
HSL	209°, 53%, 68%
HSV	209°, 40%, 85%
XYZ	37.2835, 40.7494, 71.3624
YIQ	167.2190, -39.9810, 3.2110

Conversions

Conversions Part 2

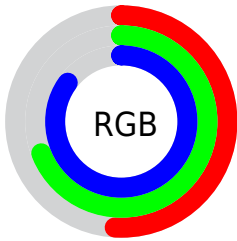
Format	Color
RYB	131, 161, 217
Decimal	8630489
CIELab	70.00, -4.68, -25.45
CIELCh	70, 25.877, 259.587
Yxy	40.7494, 0.2496, 0.2728
Android (android.graphics.Color)	4286820569 (0xFF83B0D9)
YUV	167.2190, 24.5420, -31.7641
Hunter-Lab	63.8353, -7.4574, -21.5965

Details

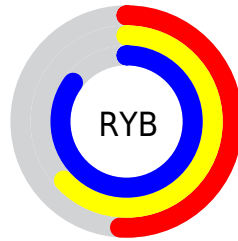
The CIELCh color **70, 25.877, 259.587** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **73, 29.485, 68.061**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 18.453, 239.338**, and **50, 25.722, 259.075** is the 20% darker color. If you saturate the color by 10%, you get **66, 32.021, 262.169**, and if you desaturate by 10%, it is **74, 19.557, 257.426**.

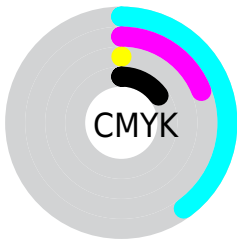
Distribution



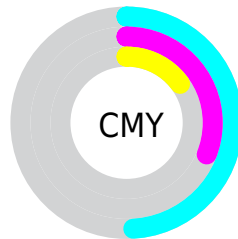
- Red (51%)
- Green (69%)
- Blue (85%)



- Red (51%)
- Yellow (63%)
- Blue (85%)



- Cyan (40%)
- Magenta (19%)
- Yellow (0%)
- Black (15%)



- Cyan (49%)
- Magenta (31%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 25.877, 259.587 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, 25.877, 259.587 by changing the saturation by 10% instead.

■ 70, 25.877,
259.587

■ 70, 25.877,
259.587

■ 100, 25.877,
259.587

■ 60, 25.877,
259.587

■ 90, 25.877,
259.587

■ 50, 25.877,
259.587

■ 40, 25.877,
259.587

■ 30, 25.877,
259.587

■ 20, 25.877,
259.587

■ 10, 25.877,
259.587

■ 0, 25.877, 259.587

■ 70, 25.877,
259.587

■ 70, 25.877,
259.587

■ 66, 32.021,
262.169

■ 74, 19.557,
257.426

■ 62, 37.992,
265.235

■ 78, 13.082,
255.627

■ 58, 43.821,
268.819

■ 82, 6.483, 254.144

■ 55, 49.582,
272.910

■ 87, 0.211, 70.859

■ 91, 6.966, 71.669

■ 51, 55.384,
277.416

■ 95, 12.507, 78.548

■ 48, 61.361,
282.066

■ 97, 16.117, 99.782

■ 99, 19.345,
108.714

■ 48, 61.560,
282.208

Harmonies

Complementary

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



70, 25.877, 259.587



73, 29.485, 68.061

Rectangle

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



70, 25.877, 259.587



70, 25.877, 309.587



70, 25.877, 79.587



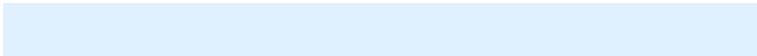
70, 25.877, 129.587

Sweetspot

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



70, 25.876, 259.586



94, 9.157, 254.476



80, 38.917, 158.050



50, 6.068, 254.664



0, 0.000, 0.000



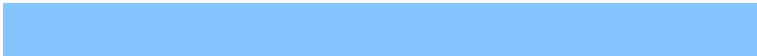
53, 0.007, 296.813

Same Dimension

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



70, 25.876, 259.586



77, 35.357, 261.825



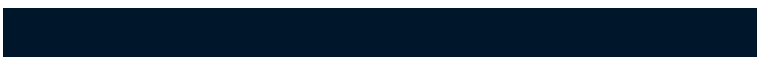
59, 47.118, 294.255



43, 3.767, 254.110



38, 50.753, 281.387



7, 16.618, 270.534

Inverse Universe

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



65, 40.224, 346.242



71, 55.050, 347.390



84, 42.800, 104.871



42, 5.618, 343.140



37, 63.104, 359.544



5, 23.778, 352.680

Previews

White Background



This preview shows how the CIELCh color 70, 25.877, 259.587 looks on a white background.

Color Contrast Check

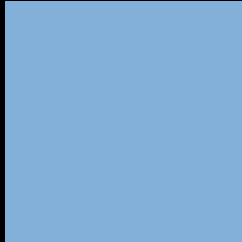
Large Text (above 18pt) WCAG AA × Fail

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, 25.877, 259.587 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

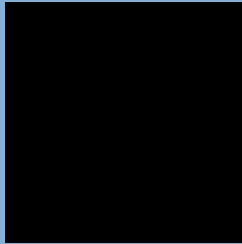
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

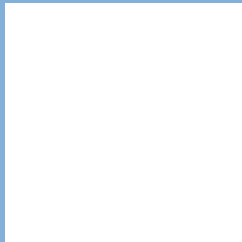
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 25.877, 259.587

Background



This preview shows how black text looks on a background with the CIELCh color 70, 25.877, 259.587.

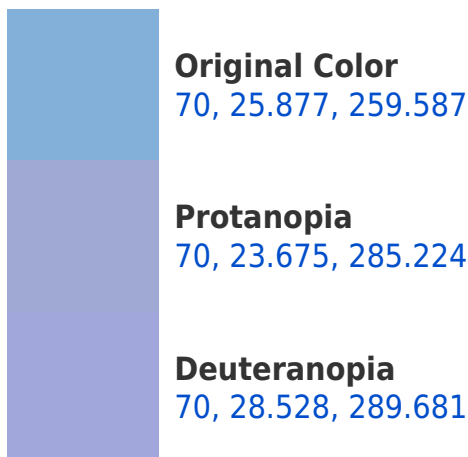


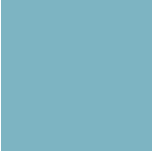
This preview shows how white text looks on a background with the CIELCh color 70, 25.877, 259.587.

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, 19.304, 221.695

Trichromacy



Original Color
70, 25.877, 259.587

Protanomaly
70, 24.373, 275.438

Deuteranomaly
70, 26.797, 279.549

Tritanomaly
70, 20.571, 238.426

Monochromacy



Original Color
70, 25.877, 259.587

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 9.877, 255.955

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 25.877, 259.587 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(131, 176, 217)` looks like.

```
.text, #text, p{  
    color:rgb(131, 176, 217)  
}
```

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(131, 176, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 176, 217) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 25.877, 259.587 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(131, 176, 217) }
```

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

```
.border{ border-color:rgb(131, 176, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 176, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 176, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 176, 217);  
box-shadow:4px 4px 4px 4px rgb(131, 176,  
217) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 25.877, 259.587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 176, 217) }
```

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

```
.background{ background-color: rgb(131,  
176, 217) }
```

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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