

Converting Colors

CIELCh(70, 23.768, 244.477)

Have a look what the booklet for
CIELCh(70, 23.768, 244.477)
contains.

CIELCh(70, 23.759, 244.437)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(70, 23.759, 244.437)

Conversions

Conversions Part 1

Format	Color
Hex	7AB2D1
RGB	122, 178, 209
RGB Percent	48%, 70%, 82%
CMY	0.5203, 0.3007, 0.1791
CMYK	0.42, 0.15, 0.00, 0.18
HSL	201°, 49%, 65%
HSV	201°, 42%, 82%
XYZ	35.6056, 40.7494, 66.5251
YIQ	164.7900, -43.3270, -2.2310

Conversions

Conversions Part 2

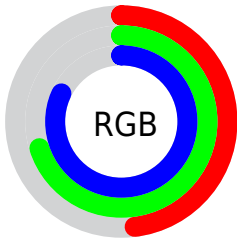
Format	Color
RYB	122, 156, 209
Decimal	8041169
CIELab	70.00, -10.25, -21.43
CIELCh	70, 23.759, 244.437
Yxy	40.7494, 0.2492, 0.2852
Android (android.graphics.Color)	4286231249 (0xFF7AB2D1)
YUV	164.7900, 21.7955, -37.5268
Hunter-Lab	63.8353, -12.1492, -17.1036

Details

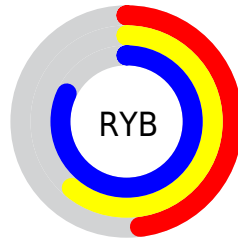
The CIELCh color **70, 23.759, 244.437** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **68, 29.860, 55.185**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 20.514, 230.823**, and **50, 23.712, 244.362** is the 20% darker color. If you saturate the color by 10%, you get **67, 28.596, 246.793**, and if you desaturate by 10%, it is **73, 18.523, 242.528**.

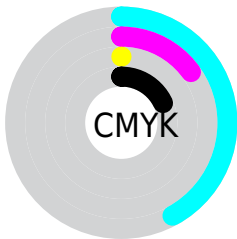
Distribution



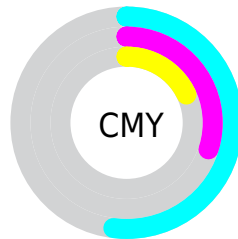
- Red (48%)
- Green (70%)
- Blue (82%)



- Red (48%)
- Yellow (61%)
- Blue (82%)



- Cyan (42%)
- Magenta (15%)
- Yellow (0%)
- Black (18%)





- Cyan (52%)
- Magenta (30%)
- Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 23.759, 244.437 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, 23.759, 244.437 by changing the saturation by 10% instead.


 70, 23.759,
244.437


 70, 23.759,
244.437


 100, 23.759,
244.437


 60, 23.759,
244.437


 90, 23.759,
244.437

 50, 23.759,
244.437

 40, 23.759,
244.437

 30, 23.759,
244.437

 20, 23.759,
244.437

 10, 23.759,
244.437

 0, 23.759, 244.437

70, 23.759,
244.437

70, 23.759,
244.437

67, 28.596,
246.793

73, 18.523,
242.528

64, 33.006,
249.687

77, 12.942,
240.994

61, 36.995,
253.188

80, 7.074, 239.776

58, 40.623,
257.335

83, 0.976, 239.195

87, 5.299, 57.776

56, 44.015,
262.087

90, 11.704, 57.151

54, 46.862,
266.343

93, 14.277, 69.333

95, 16.001, 85.572

97, 18.726, 97.773

Harmonies

Complementary

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



70, 23.759, 244.437



68, 29.860, 55.185

Rectangle

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



70, 23.759, 244.437



70, 23.759, 294.437



70, 23.759, 64.437



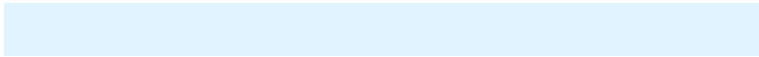
70, 23.759, 114.437

Sweetspot

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



70, 23.758, 244.435



95, 8.607, 239.837



77, 43.468, 152.588



50, 5.696, 239.983



0, 0.000, 0.000



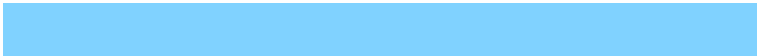
53, 0.007, 296.813

Same Dimension

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



70, 23.758, 244.435



81, 32.649, 246.536



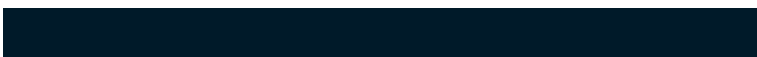
58, 42.033, 289.495



42, 3.481, 239.555



44, 39.430, 265.481



8, 13.391, 253.674

Inverse Universe

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



62, 44.051, 340.063



70, 61.333, 340.998



79, 39.150, 98.577



41, 5.989, 337.301



37, 65.495, 349.053



5, 23.722, 344.385

Previews

White Background



This preview shows how the CIE LCh color 70, 23.759, 244.437 looks on a white background.

Color Contrast Check

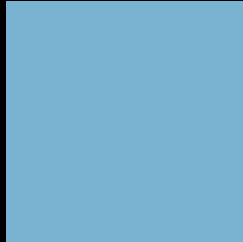
Large Text (above 18pt) WCAG AA × Fail

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, 23.759, 244.437 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

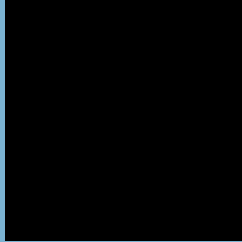
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 23.759, 244.437

Background



This preview shows how black text looks on a background with the CIELCh color 70, 23.759, 244.437.

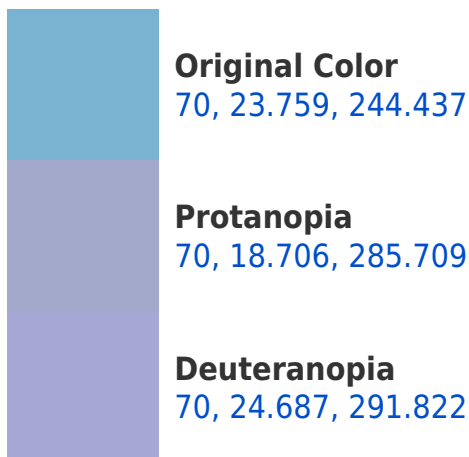


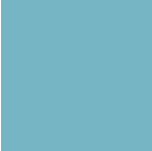
This preview shows how white text looks on a background with the CIELCh color 70, 23.759, 244.437.

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, 21.362, 219.154

Trichromacy



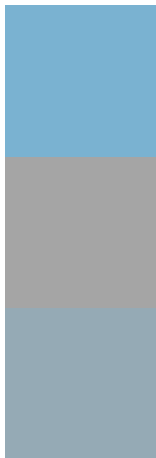
Original Color
70, 23.759, 244.437

Protanomaly
70, 19.509, 267.797

Deuteranomaly
70, 22.747, 274.693

Tritanomaly
70, 21.601, 228.833

Monochromacy



Original Color
70, 23.759, 244.437

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 9.473, 238.815

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 23.759, 244.437 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(122, 178, 209)` looks like.

```
.text, #text, p{  
    color:rgb(122, 178, 209)  
}
```

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(122, 178, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 178, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 23.759, 244.437 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(122, 178, 209) }
```

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

```
.border{ border-color:rgb(122, 178, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 178, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 178, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 178, 209);  
box-shadow:4px 4px 4px 4px rgb(122, 178,  
209) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 23.759, 244.437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 178, 209) }
```

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

```
.background{ background-color: rgb(122,  
178, 209) }
```

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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