

Converting Colors

CIELCh(69, 35.328, 241.954)

Have a look what the booklet for
CIELCh(69, 35.328, 241.954)
contains.

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Color

CIELCh(69, 35.279, 241.554)

Conversions

Conversions Part 1

Format	Color
Hex	4AB4E0
RGB	74, 180, 224
RGB Percent	29%, 71%, 88%
CMY	0.7111, 0.2952, 0.1227
CMYK	0.67, 0.20, 0.00, 0.12
HSL	198°, 71%, 58%
HSV	198°, 67%, 88%
XYZ	32.4825, 39.3444, 76.2060
YIQ	153.3220, -77.3000, -8.7880

Conversions

Conversions Part 2

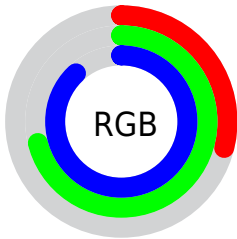
Format	Color
RYB	74, 136, 224
Decimal	4895968
CIELab	69.00, -16.80, -31.02
CIELCh	69, 35.279, 241.554
Yxy	39.3444, 0.2194, 0.2658
Android (android.graphics.Color)	4283086048 (0xFF4AB4E0)
YUV	153.3220, 34.8443, -69.5654
Hunter-Lab	62.7251, -17.3320, -28.1250

Details

The CIELCh color **69, 35.279, 241.554** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **61, 56.716, 48.246**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 30.127, 217.086**, and **50, 33.505, 245.601** is the 20% darker color. If you saturate the color by 10%, you get **67, 38.454, 245.049**, and if you desaturate by 10%, it is **72, 31.506, 238.710**.

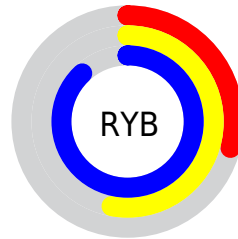
Distribution



Red (29%)

Green (71%)

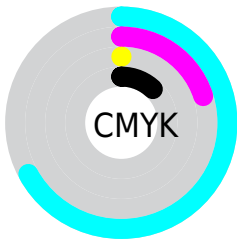
Blue (88%)



Red (29%)

Yellow (53%)

Blue (88%)

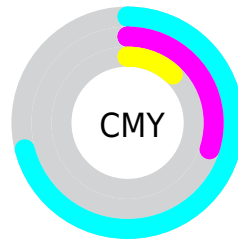


Cyan (67%)

Magenta (20%)

Yellow (0%)

Black (12%)



Cyan (71%)

Magenta (30%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 35.279, 241.554 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 69, 35.279, 241.554 by changing the saturation by 10% instead.

■ 69, 35.279,
241.554

■ 69, 35.279,
241.554

■ 100, 35.279,
241.554

■ 59, 35.279,
241.554

■ 89, 35.279,
241.554

■ 49, 35.279,
241.554

■ 99, 35.279,
241.554

■ 39, 35.279,
241.554

■ 29, 35.279,
241.554

■ 19, 35.279,
241.554

■ 9, 35.279, 241.554

■ 0, 35.279, 241.554

69, 35.279,
241.554

69, 35.279,
241.554

67, 38.454,
245.049

72, 31.506,
238.710

64, 41.120,
249.241

74, 27.125,
236.434

62, 43.448,
254.075

77, 22.172,
234.633

62, 44.135,
255.514

80, 16.711,
233.220

83, 10.823,
232.124

87, 4.585, 231.323

90, 1.928, 50.235

93, 8.651, 49.929

Harmonies

Complementary

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



69, 35.279, 241.554



61, 56.716, 48.246

Rectangle

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



69, 35.279, 241.554



69, 35.279, 291.554



69, 35.279, 61.554



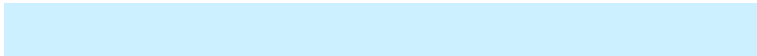
69, 35.279, 111.554

Sweetspot

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



69, 35.278, 241.554



93, 13.991, 232.431



80, 74.460, 146.399



48, 9.474, 232.737



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



69, 35.278, 241.554



74, 43.541, 246.442



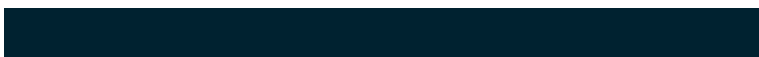
48, 68.753, 292.492



45, 3.672, 231.481



49, 36.620, 254.629



12, 14.145, 245.120

Inverse Universe

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



56, 72.767, 339.637



60, 88.934, 341.352



78, 61.310, 91.078



44, 6.641, 334.620



39, 70.238, 344.306



7, 29.509, 341.024

Previews

White Background



This preview shows how the CIELCh color 69, 35.279, 241.554 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 69, 35.279, 241.554 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 69, 35.279, 241.554

Background



This preview shows how black text looks on a background with the CIELCh color 69, 35.279, 241.554.

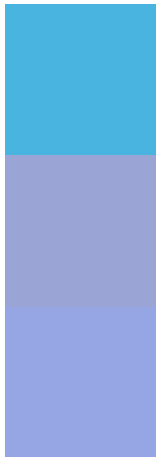


This preview shows how white text looks on a background with the CIELCh color 69, 35.279, 241.554.

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

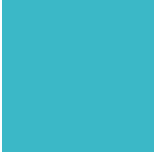
69, 35.279, 241.554

Protanopia

69, 26.521, 285.700

Deuteranopia

69, 34.246, 285.679



Tritanopia
69, 33.673, 211.323

Trichromacy



Original Color
69, 35.279, 241.554



Protanomaly
68, 28.683, 264.115



Deuteranomaly
68, 33.215, 267.995



Tritanomaly
69, 33.271, 223.011

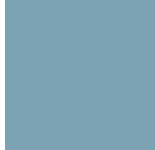
Monochromacy



Original Color
69, 35.279, 241.554



Achromatopsia
63, 0.008, 296.813



Achromatomaly
65, 15.669, 233.327

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 35.279, 241.554 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(74, 180, 224)` looks like.

```
.text, #text, p{  
    color:rgb(74, 180, 224)  
}
```

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(74, 180, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 180, 224) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 35.279, 241.554 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(74, 180, 224) }
```

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

```
.border{ border-color:rgb(74, 180, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 180, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 180, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 180, 224);  
box-shadow:4px 4px 4px 4px rgb(74, 180,  
224) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 35.279, 241.554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 180, 224) }
```

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

```
.background{ background-color: rgb(74, 180,  
224) }
```

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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