

Converting Colors

CIELCh(69, 41.889, 246.438)

Have a look what the booklet for
CIELCh(69, 41.889, 246.438)
contains.

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Color

CIELCh(69, 41.919, 246.773)

Conversions

Conversions Part 1

Format	Color
Hex	27B4ED
RGB	39, 180, 237
RGB Percent	15%, 71%, 93%
CMY	0.8478, 0.2928, 0.0692
CMYK	0.84, 0.24, 0.00, 0.07
HSL	197°, 85%, 54%
HSV	197°, 84%, 93%
XYZ	32.5585, 39.3444, 86.2781
YIQ	144.3390, -102.3330, -12.1650

Conversions

Conversions Part 2

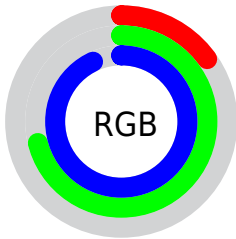
Format	Color
RYB	39, 121, 237
Decimal	2602221
CIELab	69.00, -16.53, -38.52
CIELCh	69, 41.919, 246.773
Yxy	39.3444, 0.2058, 0.2487
Android (android.graphics.Color)	4280792301 (0xFF27B4ED)
YUV	144.3390, 45.6819, -92.3823
Hunter-Lab	62.7251, -17.1155, -37.6455

Details

The CIELCh color **69, 41.919, 246.773** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed azure. A complement of this color would be **59, 77.323, 47.714**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 34.043, 214.563**, and **50, 37.733, 255.724** is the 20% darker color. If you saturate the color by 10%, you get **67, 44.341, 251.397**, and if you desaturate by 10%, it is **71, 39.048, 242.841**.

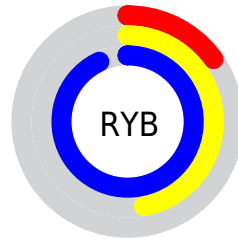
Distribution



Red (15%)

Green (71%)

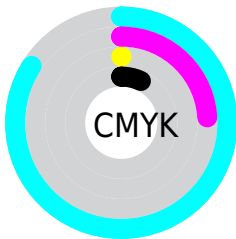
Blue (93%)



Red (15%)

Yellow (47%)

Blue (93%)

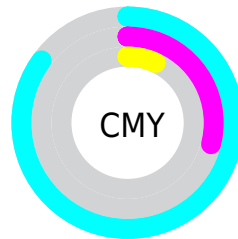


Cyan (84%)

Magenta (24%)

Yellow (0%)

Black (7%)



Cyan (85%)


Magenta (29%)


Yellow (7%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 41.919, 246.773 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, 41.919, 246.773 by changing the saturation by 10% instead.

 69, 41.919,
246.773


 69, 41.919,
246.773

 100, 41.919,
246.773

 59, 41.919,
246.773


 89, 41.919,
246.773

 49, 41.919,
246.773

 99, 41.919,
246.773

 39, 41.919,
246.773

 29, 41.919,
246.773

 19, 41.919,
246.773

 9, 41.919, 246.773

 0, 41.919, 246.773

69, 41.919,
246.773

69, 41.919,
246.773

67, 44.341,
251.397

71, 39.048,
242.841

65, 45.792,
254.555

74, 35.585,
239.602

77, 31.466,
236.991

80, 26.700,
234.916

83, 21.341,
233.285

86, 15.465,
232.015

89, 9.158, 231.042

93, 2.506, 230.435

Harmonies

Complementary

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



69, 41.919, 246.773



59, 77.323, 47.714

Rectangle

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



69, 41.919, 246.773



69, 41.919, 296.773



69, 41.919, 66.773



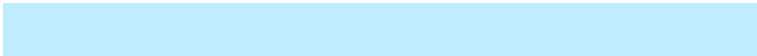
69, 41.919, 116.773

Sweetspot

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



69, 41.918, 246.773



91, 17.252, 232.179



83, 92.139, 143.421



47, 11.648, 232.606



0, 0.000, 0.000



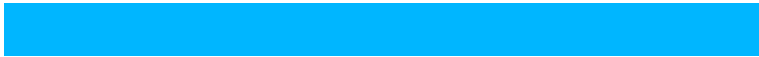
53, 0.007, 296.813

Same Dimension

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



69, 41.918, 246.773



70, 48.427, 254.770



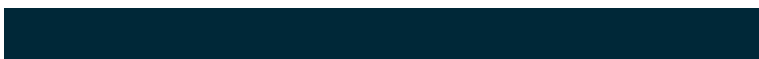
42, 92.158, 297.646



48, 3.878, 230.721



51, 37.509, 253.657



14, 15.557, 245.657

Inverse Universe

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



55, 85.827, 341.482



57, 92.734, 344.360



80, 75.538, 88.747



47, 7.041, 334.383



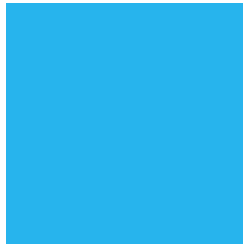
41, 72.731, 343.939



9, 32.622, 341.169

Previews

White Background



This preview shows how the CIELCh color 69, 41.919, 246.773 looks on a white background.

Color Contrast Check

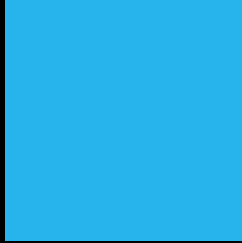
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 69, 41.919, 246.773 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

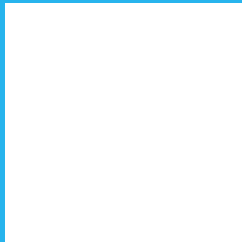
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 41.919, 246.773

Background



This preview shows how black text looks on a background with the CIELCh color 69, 41.919, 246.773.

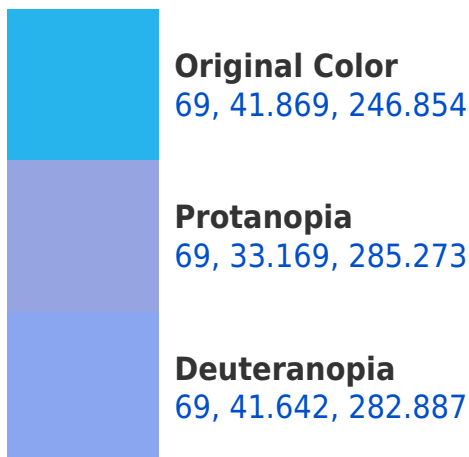


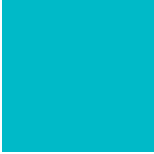
This preview shows how white text looks on a background with the CIELCh color 69, 41.919, 246.773.

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
69, 38.175, 208.421

Trichromacy



Original Color
69, 41.869, 246.854



Protanomaly
68, 35.391, 264.125



Deuteranomaly
68, 41.125, 267.308



Tritanomaly
69, 37.889, 223.138

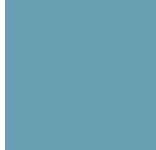
Monochromacy



Original Color
69, 41.869, 246.854



Achromatopsia
60, 0.008, 296.813



Achromatomaly
62, 20.106, 234.357

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 41.919, 246.773 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(39, 180, 237)` looks like.

```
.text, #text, p{  
    color:rgb(39, 180, 237)  
}
```

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(39, 180, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 180, 237) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 41.919, 246.773 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(39, 180, 237) }
```

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

```
.border{ border-color:rgb(39, 180, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 180, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(39, 180, 237); -webkit-box-shadow:4px 4px 4px 4px rgb(39, 180, 237); box-shadow:4px 4px 4px 4px rgb(39, 180, 237) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 41.919, 246.773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 180, 237) }
```

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

```
.background{ background-color: rgb(39, 180,  
237) }
```

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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