

Converting Colors

CIELCh(69, 36.984, 226.770)

Have a look what the booklet for
CIELCh(69, 36.984, 226.770)
contains.

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Color

CIELCh(69, 36.937, 226.959)

Conversions

Conversions Part 1

Format	Color
Hex	26B7D8
RGB	38, 183, 216
RGB Percent	15%, 72%, 85%
CMY	0.8527, 0.2814, 0.1519
CMYK	0.83, 0.15, 0.00, 0.15
HSL	191°, 70%, 50%
HSV	191°, 83%, 85%
XYZ	30.1951, 39.3444, 71.1421
YIQ	143.4070, -97.0130, -20.4770

Conversions

Conversions Part 2

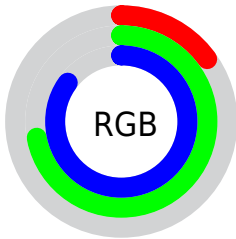
Format	Color
R _Y B	38, 118, 216
Decimal	2537432
CIE Lab	69.00, -25.21, -27.00
CIE LCh	69, 36.937, 226.959
Yxy	39.3444, 0.2146, 0.2797
Android (android.graphics.Color)	4280727512 (0xFF26B7D8)
YUV	143.4070, 35.7883, -92.4419
Hunter-Lab	62.7251, -23.8411, -23.3385

Details

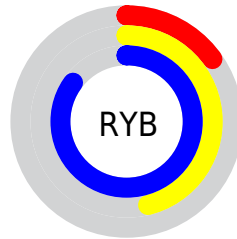
The CIELCh color **69, 36.937, 226.959** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed azure. A complement of this color would be **51, 74.431, 41.834**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 35.330, 211.124**, and **50, 31.025, 233.505** is the 20% darker color. If you saturate the color by 10%, you get **68, 38.062, 230.049**, and if you desaturate by 10%, it is **71, 35.079, 224.464**.

Distribution



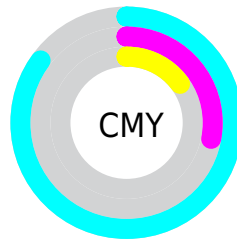
- Red (15%)
- Green (72%)
- Blue (85%)



- Red (15%)
- Yellow (46%)
- Blue (85%)



- Cyan (83%)
- Magenta (15%)
- Yellow (0%)
- Black (15%)





- Cyan (85%)
- Magenta (28%)
- Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 36.937, 226.959 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, 36.937, 226.959 by changing the saturation by 10% instead.


 69, 36.937,
226.959


 69, 36.937,
226.959


 100, 36.937,
226.959


 59, 36.937,
226.959


 89, 36.937,
226.959

 49, 36.937,
226.959

 99, 36.937,
226.959

 39, 36.937,
226.959

 29, 36.937,
226.959

 19, 36.937,
226.959

 9, 36.937, 226.959

 0, 36.937, 226.959

■ 69, 36.937,
226.959

■ 69, 36.937,
226.959

■ 68, 38.062,
230.049

■ 71, 35.079,
224.464

■ 67, 38.588,
232.640

■ 72, 32.411,
222.502

■ 74, 28.923,
220.994

■ 76, 24.664,
219.861

■ 78, 19.717,
219.033

■ 81, 14.180,
218.453

■ 83, 8.157, 218.082

■ 86, 1.744, 218.092

Harmonies

Complementary

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



69, 36.937, 226.959



51, 74.431, 41.834

Rectangle

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



69, 36.937, 226.959



69, 36.937, 276.959



69, 36.937, 46.959



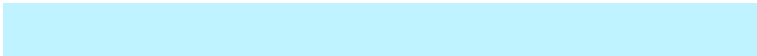
69, 36.937, 96.959

Sweetspot

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



69, 36.936, 226.959



93, 17.746, 218.582



76, 90.945, 140.694



49, 11.955, 218.783



0, 0.000, 0.000



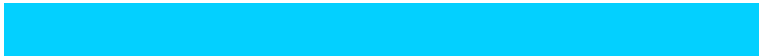
53, 0.007, 296.813

Same Dimension

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



69, 36.936, 226.959



78, 43.651, 232.656



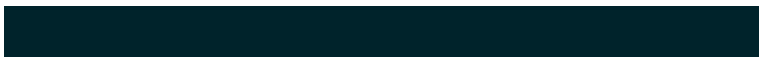
43, 72.814, 291.816



44, 3.667, 218.010



53, 32.342, 231.990



12, 12.662, 224.691

Inverse Universe

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



51, 85.151, 335.729



58, 99.791, 337.353



69, 66.725, 80.714



42, 6.905, 330.549



39, 74.208, 337.176



6, 28.768, 335.161

Previews

White Background



This preview shows how the CIELCh color 69, 36.937, 226.959 looks on a white background.

Color Contrast Check

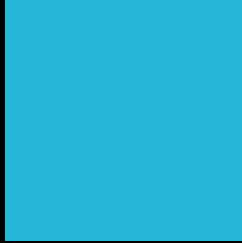
Large Text (above 18pt) WCAG AA × Fail

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, 36.937, 226.959 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

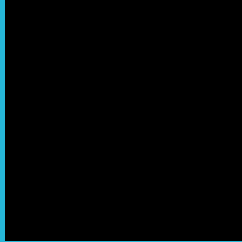
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 36.937, 226.959

Background



This preview shows how black text looks on a background with the CIELCh color 69, 36.937, 226.959.

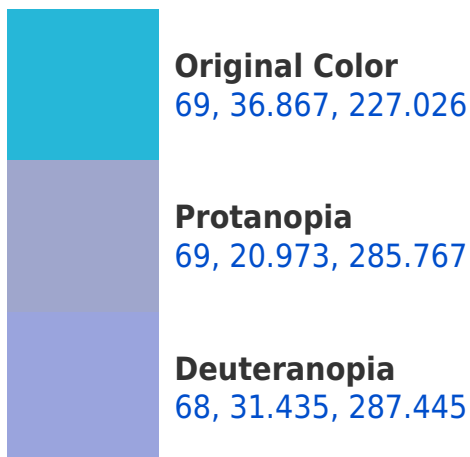


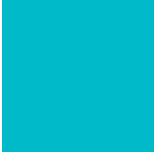
This preview shows how white text looks on a background with the CIELCh color 69, 36.937, 226.959.

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, 38.136, 209.306

Trichromacy



Original Color
69, 36.867, 227.026



Protanomaly
68, 25.737, 249.396



Deuteranomaly
68, 30.794, 258.556



Tritanomaly
69, 37.545, 215.863

Monochromacy



Original Color
69, 36.867, 227.026



Achromatopsia
59, 0.008, 296.813



Achromatomaly
62, 18.605, 219.400

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 36.937, 226.959 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(38, 183, 216)` looks like.

```
.text, #text, p{  
    color:rgb(38, 183, 216)  
}
```

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(38, 183, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 183, 216) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 36.937, 226.959 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(38, 183, 216) }
```

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

```
.border{ border-color:rgb(38, 183, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 183, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 183, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 183, 216);  
box-shadow:4px 4px 4px 4px rgb(38, 183,  
216) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 36.937, 226.959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 183, 216) }
```

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

```
.background{ background-color: rgb(38, 183,  
216) }
```

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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