

Converting Colors

CIELCh(65, 36.800, 227.534)

Have a look what the booklet for
CIELCh(65, 36.800, 227.534)
contains.

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Color

CIELCh(65, 36.749, 227.466)

Conversions

Conversions Part 1

Format	Color
Hex	08ACCD
RGB	8, 172, 205
RGB Percent	3%, 67%, 80%
CMY	0.9684, 0.3247, 0.1953
CMYK	0.96, 0.16, 0.00, 0.20
HSL	190°, 92%, 42%
HSV	190°, 96%, 80%
XYZ	25.9327, 34.0472, 63.0881
YIQ	126.7260, -108.3370, -24.5050

Conversions

Conversions Part 2

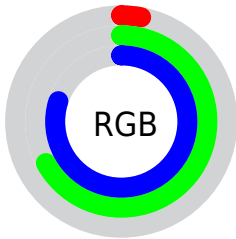
Format	Color
RYB	8, 97, 205
Decimal	568525
CIELab	65.00, -24.84, -27.08
CIElCh	65, 36.749, 227.466
Yxy	34.0472, 0.2107, 0.2767
Android (android.graphics.Color)	4278758605 (0xFF08ACCD)
YUV	126.7260, 38.5891, -104.1227
Hunter-Lab	58.3500, -22.7810, -23.2595

Details

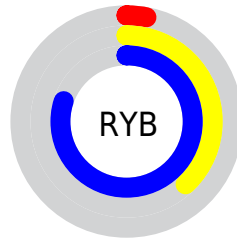
The CIELCh color **65, 36.749, 227.466** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **45, 82.890, 42.105**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **85, 35.902, 220.985**, and **46, 29.860, 237.444** is the 20% darker color. If you saturate the color by 10%, you get **65, 36.969, 228.701**, and if you desaturate by 10%, it is **66, 35.975, 224.529**.

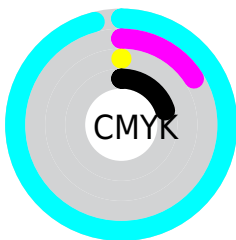
Distribution



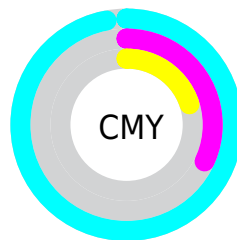
- Red (3%)
- Green (67%)
- Blue (80%)



- Red (3%)
- Yellow (38%)
- Blue (80%)



- Cyan (96%)
- Magenta (16%)
- Yellow (0%)
- Black (20%)





- Cyan (97%)
- Magenta (32%)
- Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 36.749, 227.466 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 65, 36.749, 227.466 by changing the saturation by 10% instead.


 65, 36.749,
227.466


 65, 36.749,
227.466


 100, 36.749,
227.466


 55, 36.749,
227.466


 85, 36.749,
227.466

 45, 36.749,
227.466

 95, 36.749,
227.466

 35, 36.749,
227.466

 25, 36.749,
227.466

 15, 36.749,
227.466

 5, 36.749, 227.466

 0, 36.749, 227.466

■ 65, 36.749,
227.466

■ 65, 36.749,
227.466

■ 65, 36.969,
228.701

■ 66, 35.975,
224.529

■ 68, 34.513,
222.146

■ 69, 32.259,
220.270

■ 71, 29.191,
218.830

■ 72, 25.345,
217.753

■ 74, 20.792,
216.973

■ 76, 15.628,
216.436

■ 79, 9.953, 216.099

Harmonies

Complementary

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



65, 36.749, 227.466



45, 82.890, 42.105

Rectangle

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



65, 36.749, 227.466



65, 36.749, 277.466



65, 36.749, 47.466



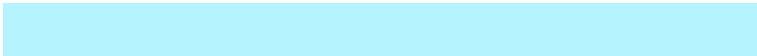
65, 36.749, 97.466

Sweetspot

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



65, 36.748, 227.466



92, 20.483, 216.589



72, 95.730, 138.287



48, 13.818, 216.825



0, 0.000, 0.000



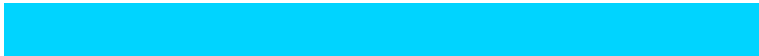
53, 0.007, 296.813

Same Dimension

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



65, 36.748, 227.466



79, 43.555, 229.166



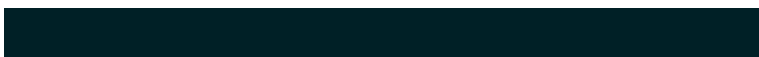
37, 80.127, 295.544



42, 3.560, 215.983



53, 31.539, 228.149



10, 11.815, 220.766

Inverse Universe

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



47, 85.694, 335.965



58, 101.162, 336.426



63, 68.994, 76.365



40, 6.714, 329.955



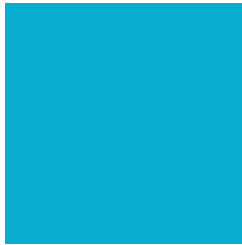
38, 73.538, 336.161



5, 25.332, 333.854

Previews

White Background



This preview shows how the CIE LCh color 65, 36.749, 227.466 looks on a white background.

Color Contrast Check

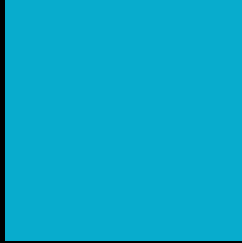
Large Text (above 18pt) WCAG AA × Fail

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 65, 36.749, 227.466 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

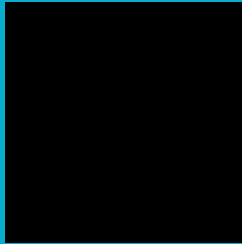
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 36.749, 227.466

Background



This preview shows how black text looks on a background with the CIELCh color 65, 36.749, 227.466.



This preview shows how white text looks on a background with the CIELCh color 65, 36.749, 227.466.

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



Trichromacy

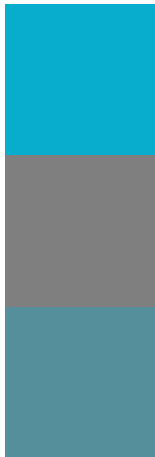


Original Color
65, 36.722, 227.492

Protanomaly
63, 26.951, 247.054

Deuteranomaly
64, 31.499, 255.522

Monochromacy



Original Color
65, 36.722, 227.492

Achromatopsia
53, 0.007, 296.813

Achromatomaly
56, 20.153, 217.868

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 36.749, 227.466 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(8, 172, 205)` looks like.

```
.text, #text, p{  
    color:rgb(8, 172, 205)  
}
```

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(8, 172, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 172, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 36.749, 227.466 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(8, 172, 205) }
```

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

```
.border{ border-color:rgb(8, 172, 205) }
```

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

Here you see how a box with a 4 pixel rgb(8, 172, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 172, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(8, 172, 205);  
box-shadow:4px 4px 4px 4px rgb(8, 172,  
205) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 36.749, 227.466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 172, 205) }
```

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

```
.background{ background-color: rgb(8, 172,  
205) }
```

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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