

Converting Colors

CIELCh(56, 61.110, 245.358)

Have a look what the booklet for
CIELCh(56, 61.110, 245.358)
contains.

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Color

CIELCh(60, 49.697, 265.051)

Conversions

Conversions Part 1

Format	Color
Hex	0398E8
RGB	3, 152, 232
RGB Percent	1%, 60%, 91%
CMY	0.9875, 0.4058, 0.0919
CMYK	0.99, 0.35, 0.00, 0.09
HSL	201°, 97%, 46%
HSV	201°, 99%, 91%
XYZ	25.6946, 28.1233, 80.1005
YIQ	116.5690, -114.4840, -6.7080

Conversions

Conversions Part 2

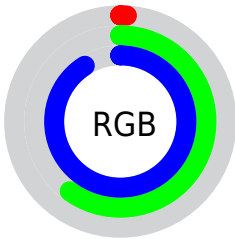
Format	Color
R _Y B	3, 93, 232
Decimal	235752
CIE Lab	60.00, -4.29, -49.51
CIE LCh	60, 49.697, 265.051
Yxy	28.1233, 0.1919, 0.2100
Android (android.graphics.Color)	4278425832 (0xFF0398E8)
YUV	116.5690, 56.9075, -99.6000
Hunter-Lab	53.0314, -6.3190, -52.4316

Details

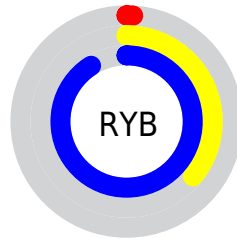
The CIELCh color **60, 49.697, 265.051** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **55, 85.039, 49.764**, and the grayscale version is **49, 0.007, 296.813**.

A 20% lighter version of the original color is **79, 36.174, 244.982**, and **42, 46.368, 274.888** is the 20% darker color. If you saturate the color by 10%, you get **60, 50.195, 265.739**, and if you desaturate by 10%, it is **63, 46.188, 259.952**.

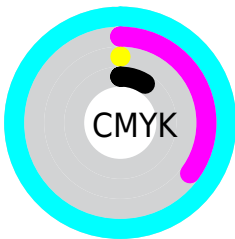
Distribution



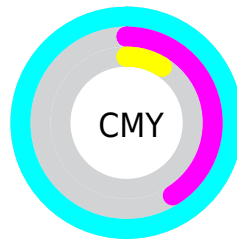
- Red (1%)
- Green (60%)
- Blue (91%)



- Red (1%)
- Yellow (36%)
- Blue (91%)



- Cyan (99%)
- Magenta (35%)
- Yellow (0%)
- Black (9%)





- Cyan (99%)
- Magenta (41%)
- Yellow (9%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 49.697, 265.051 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 60, 49.697, 265.051 by changing the saturation by 10% instead.


 60, 49.697,
265.051


 60, 49.697,
265.051


 100, 49.697,
265.051


 50, 49.697,
265.051


 80, 49.697,
265.051

 40, 49.697,
265.051

 90, 49.697,
265.051

 30, 49.697,
265.051

 20, 49.697,
265.051

 10, 49.697,
265.051

 0, 49.697, 265.051

 60, 49.697,

 60, 49.697,

265.051

■ 60, 50.195,
265.739

265.051

■ 63, 46.188,
259.952

■ 65, 42.567,
255.325

■ 68, 38.630,
251.338

■ 71, 34.258,
248.005

■ 74, 29.404,
245.271

■ 78, 24.075,
243.057

■ 81, 18.314,
241.274

■ 85, 12.184,
239.849

Harmonies

Complementary

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



60, 49.697, 265.051



55, 85.039, 49.764

Rectangle

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



60, 49.697, 265.051



60, 49.697, 315.051



60, 49.697, 85.051



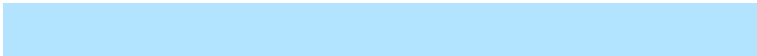
60, 49.697, 135.051

Sweetspot

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



60, 49.696, 265.052



88, 20.675, 241.522



81, 94.934, 142.726



45, 13.953, 242.255



0, 0.000, 0.000



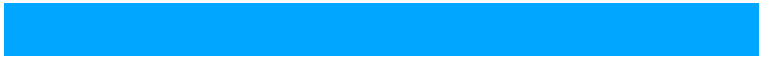
53, 0.007, 296.813

Same Dimension

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



60, 49.696, 265.052



65, 54.182, 266.038



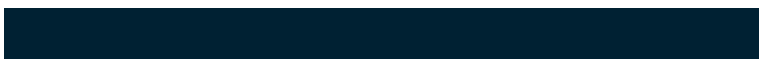
32, 114.239, 303.931



46, 3.753, 238.815



47, 40.851, 264.784



12, 15.619, 255.322

Inverse Universe

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



51, 83.018, 348.840



56, 89.238, 349.335



80, 81.166, 92.063



45, 6.494, 337.048



39, 68.573, 348.705



7, 29.637, 344.591

Previews

White Background



This preview shows how the CIE LCh color 60, 49.697, 265.051 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 60, 49.697, 265.051 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

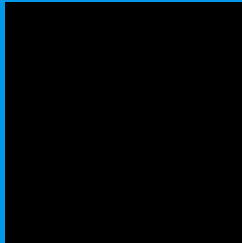
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

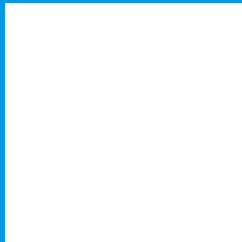
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 60, 49.697, 265.051

Background



This preview shows how black text looks on a background with the CIELCh color 60, 49.697, 265.051.

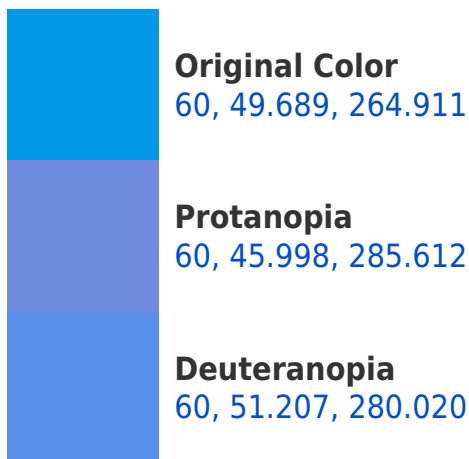


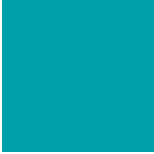
This preview shows how white text looks on a background with the CIELCh color 60, 49.697, 265.051.

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
60, 34.209, 207.223

Trichromacy



Original Color
60, 49.689, 264.911



Protanomaly
59, 47.294, 273.725



Deuteranomaly
60, 50.505, 272.414



Tritanomaly
60, 35.415, 232.779

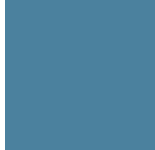
Monochromacy



Original Color
60, 49.689, 264.911



Achromatopsia
49, 0.007, 296.813



Achromatomaly
51, 23.061, 245.754

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 49.697, 265.051 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(3, 152, 232)` looks like.

```
.text, #text, p{  
    color:rgb(3, 152, 232)  
}
```

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(3, 152, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 152, 232) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 49.697, 265.051 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(3, 152, 232) }
```

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

```
.border{ border-color:rgb(3, 152, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(3, 152, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(3, 152, 232); -webkit-box-shadow:4px 4px 4px 4px rgb(3, 152, 232); box-shadow:4px 4px 4px 4px rgb(3, 152, 232) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 49.697, 265.051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 152, 232) }
```

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

```
.background{ background-color: rgb(3, 152,  
232) }
```

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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