

Converting Colors

CIELCh(64, 39.626, 246.079)

Have a look what the booklet for
CIELCh(64, 39.626, 246.079)
contains.

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Color

CIELCh(64, 39.717, 246.514)

Conversions

Conversions Part 1

Format	Color
Hex	1FA6DB
RGB	31, 166, 219
RGB Percent	12%, 65%, 86%
CMY	0.8792, 0.3478, 0.1399
CMYK	0.86, 0.24, 0.00, 0.14
HSL	197°, 75%, 49%
HSV	197°, 86%, 86%
XYZ	27.0778, 32.8017, 72.1430
YIQ	131.6770, -97.4730, -12.1370

Conversions

Conversions Part 2

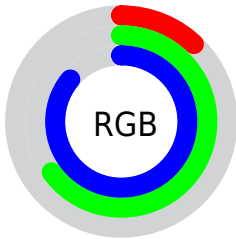
Format	Color
R _Y B	31, 110, 219
Decimal	2074331
CIE Lab	64.00, -15.83, -36.43
CIE LCh	64, 39.717, 246.514
Yxy	32.8017, 0.2051, 0.2485
Android (android.graphics.Color)	4280264411 (0xFF1FA6DB)
YUV	131.6770, 43.0502, -88.2937
Hunter-Lab	57.2727, -15.8348, -34.5931

Details

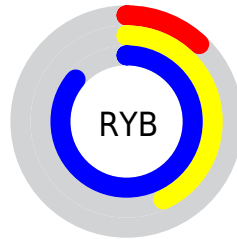
The CIELCh color **64, 39.717, 246.514** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle washed azure. A complement of this color would be **54, 74.849, 47.293**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **83, 34.116, 229.823**, and **45, 35.315, 256.522** is the 20% darker color. If you saturate the color by 10%, you get **62, 41.835, 251.186**, and if you desaturate by 10%, it is **66, 37.196, 242.518**.

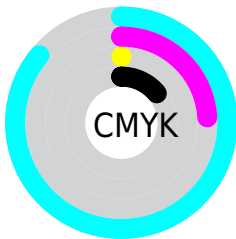
Distribution



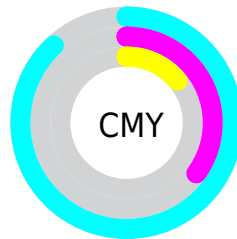
- Red (12%)
- Green (65%)
- Blue (86%)



- Red (12%)
- Yellow (43%)
- Blue (86%)



- Cyan (86%)
- Magenta (24%)
- Yellow (0%)
- Black (14%)





- Cyan (88%)
- Magenta (35%)
- Yellow (14%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 64, 39.717, 246.514 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 64, 39.717, 246.514 by changing the saturation by 10% instead.

 64, 39.717,
246.514

 64, 39.717,
246.514


 100, 39.717,
246.514


 54, 39.717,
246.514


 84, 39.717,
246.514


 44, 39.717,
246.514


 94, 39.717,
246.514

 34, 39.717,
246.514

 24, 39.717,
246.514

 14, 39.717,
246.514

 4, 39.717, 246.514

 0, 39.717, 246.514

■ 64, 39.717,
246.514

■ 64, 39.717,
246.514

■ 62, 41.835,
251.186

■ 66, 37.196,
242.518

■ 61, 42.675,
253.144

■ 69, 34.125,
239.215

■ 71, 30.432,
236.547

■ 74, 26.116,
234.425

■ 77, 21.222,
232.756

■ 79, 15.820,
231.456

■ 82, 9.992, 230.458

■ 86, 3.818, 229.758

Harmonies

Complementary

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



64, 39.717, 246.514



54, 74.849, 47.293

Rectangle

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



64, 39.717, 246.514



64, 39.717, 296.514



64, 39.717, 66.514



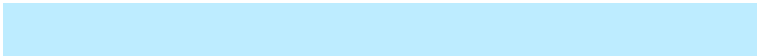
64, 39.717, 116.514

Sweetspot

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



64, 39.716, 246.515



91, 17.892, 231.486



77, 89.195, 142.524



47, 12.000, 231.906



0, 0.000, 0.000



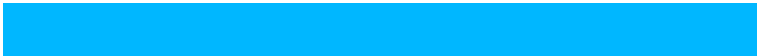
53, 0.007, 296.813

Same Dimension

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



64, 39.716, 246.515



70, 47.989, 253.610



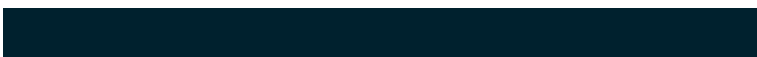
39, 86.991, 297.475



44, 3.608, 229.957



49, 35.585, 252.277



11, 13.511, 242.414

Inverse Universe

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



51, 81.724, 341.406



57, 93.101, 343.921



74, 71.443, 87.121



43, 6.572, 334.138



39, 70.040, 343.429



6, 28.380, 340.201

Previews

White Background



This preview shows how the CIELCh color 64, 39.717, 246.514 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 64, 39.717, 246.514 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 64, 39.717, 246.514

Background



This preview shows how black text looks on a background with the CIELCh color 64, 39.717, 246.514.

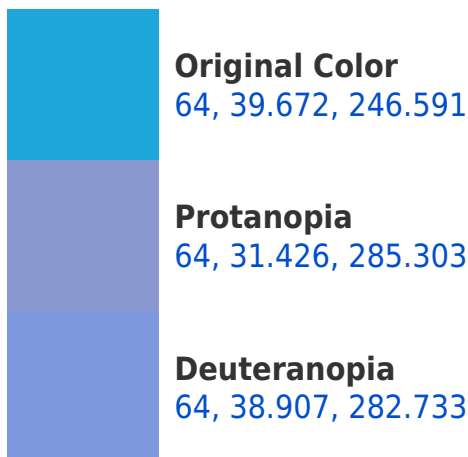



This preview shows how white text looks on a background with the CIELCh color 64, 39.717, 246.514.

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
64, 35.826, 209.426

Trichromacy



Original Color
64, 39.672, 246.591



Protanomaly
63, 34.028, 264.373



Deuteranomaly
63, 38.411, 266.189



Tritanomaly
64, 35.629, 223.375

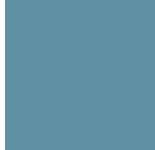
Monochromacy



Original Color
64, 39.672, 246.591



Achromatopsia
55, 0.007, 296.813



Achromatomaly
57, 19.250, 234.845

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 39.717, 246.514 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(31, 166, 219)` looks like.

```
.text, #text, p{  
    color:rgb(31, 166, 219)  
}
```

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(31, 166, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 166, 219) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 39.717, 246.514 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(31, 166, 219) }
```

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

```
.border{ border-color:rgb(31, 166, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 166, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 166, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 166, 219);  
box-shadow:4px 4px 4px 4px rgb(31, 166,  
219) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 39.717, 246.514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 166, 219) }
```

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

```
.background{ background-color: rgb(31, 166,  
219) }
```

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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