

Converting Colors

CIELCh(65, 41.092, 247.669)

Have a look what the booklet for
CIELCh(65, 41.092, 247.669)
contains.

CIELCh(65, 41.093, 247.713)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(65, 41.093, 247.713)

Conversions

Conversions Part 1

Format	Color
Hex	1AA9E1
RGB	26, 169, 225
RGB Percent	10%, 66%, 88%
CMY	0.8976, 0.3371, 0.1175
CMYK	0.88, 0.25, 0.00, 0.12
HSL	197°, 79%, 49%
HSV	197°, 88%, 88%
XYZ	28.2179, 34.0472, 76.3438
YIQ	132.6270, -103.2040, -12.9000

Conversions

Conversions Part 2

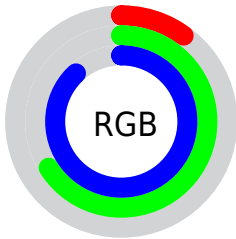
Format	Color
R_{YB}	26, 109, 225
Decimal	1747425
CIE _{Lab}	65.00, -15.58, -38.02
CIE _{LCh}	65, 41.093, 247.713
Yxy	34.0472, 0.2036, 0.2456
Android (android.graphics.Color)	4279937505 (0xFF1AA9E1)
YUV	132.6270, 45.5399, -93.5119
Hunter-Lab	58.3500, -15.7902, -36.7287

Details

The CIELCh color **65, 41.093, 247.713** 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, 78.623, 47.210**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **84, 34.330, 226.356**, and **46, 36.311, 257.169** is the 20% darker color. If you saturate the color by 10%, you get **63, 43.211, 252.516**, and if you desaturate by 10%, it is **67, 38.637, 243.529**.

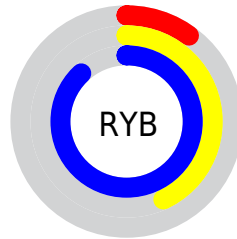
Distribution



 Red (10%)

 Green (66%)

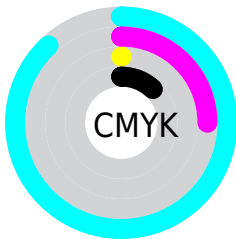
 Blue (88%)




 Red (10%)

 Yellow (43%)

 Blue (88%)

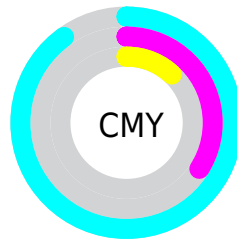


 Cyan (88%)


 Magenta (25%)

 Yellow (0%)

 Black (12%)



 Cyan (90%)


 Magenta (34%)


 Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 41.093, 247.713 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, 41.093, 247.713 by changing the saturation by 10% instead.


 65, 41.093,
247.713


 65, 41.093,
247.713


 100, 41.093,
247.713


 55, 41.093,
247.713


 85, 41.093,
247.713

 45, 41.093,
247.713

 95, 41.093,
247.713

 35, 41.093,
247.713

 25, 41.093,
247.713

 15, 41.093,
247.713

 5, 41.093, 247.713

 0, 41.093, 247.713

■ 65, 41.093,
247.713

■ 65, 41.093,
247.713

■ 63, 43.211,
252.516

■ 67, 38.637,
243.529

■ 63, 43.558,
253.292

■ 70, 35.651,
240.045

■ 72, 32.040,
237.217

■ 75, 27.789,
234.960

■ 78, 22.931,
233.181

■ 81, 17.536,
231.793

■ 84, 11.684,
230.721

■ 87, 5.459, 229.932

Harmonies

Complementary

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



65, 41.093, 247.713



54, 78.623, 47.210

Rectangle

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



65, 41.093, 247.713



65, 41.093, 297.713



65, 41.093, 67.713



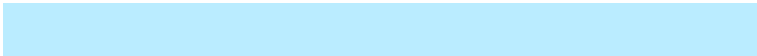
65, 41.093, 117.713

Sweetspot

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



65, 41.092, 247.714



91, 18.524, 231.648



79, 92.643, 142.047



47, 12.350, 232.073



0, 0.000, 0.000



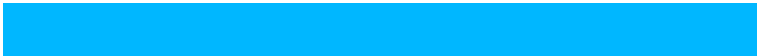
53, 0.007, 296.813

Same Dimension

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



65, 41.092, 247.714



70, 48.013, 253.674



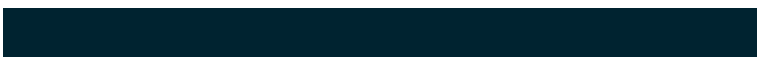
38, 91.542, 298.277



45, 3.677, 230.000



50, 36.004, 252.400



12, 14.010, 243.085

Inverse Universe

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



51, 83.904, 341.815



57, 93.080, 343.945



75, 73.878, 86.707



44, 6.696, 334.153



39, 70.772, 343.474



7, 29.729, 340.379

Previews

White Background



This preview shows how the CIE LCh color 65, 41.093, 247.713 looks on a white background.

Color Contrast Check

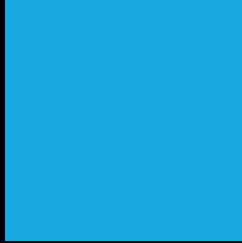
Large Text (above 18pt) WCAG AA × Fail

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, 41.093, 247.713 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

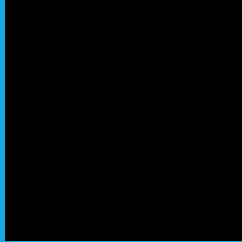
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

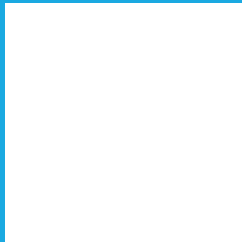
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 41.093, 247.713

Background



This preview shows how black text looks on a background with the CIELCh color 65, 41.093, 247.713.

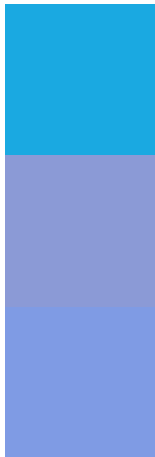


This preview shows how white text looks on a background with the CIELCh color 65, 41.093, 247.713.

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](#).

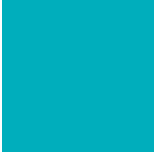
Dichromacy



Original Color
65, 41.093, 247.713

Protanopia
65, 33.569, 285.578

Deuteranopia
65, 41.048, 282.863



Tritanopia
65, 36.298, 209.212

Trichromacy



Original Color
65, 41.093, 247.713



Protanomaly
64, 36.107, 265.496



Deuteranomaly
64, 40.537, 266.954



Tritanomaly
65, 36.218, 223.823

Monochromacy



Original Color
65, 41.093, 247.713



Achromatopsia
56, 0.007, 296.813



Achromatomaly
58, 19.908, 233.307

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 41.093, 247.713 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(26, 169, 225)` looks like.

```
.text, #text, p{  
    color:rgb(26, 169, 225)  
}
```

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(26, 169, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 169, 225) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 41.093, 247.713 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(26, 169, 225) }
```

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

```
.border{ border-color:rgb(26, 169, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(26, 169, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 169, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 169, 225);  
box-shadow:4px 4px 4px 4px rgb(26, 169,  
225) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 41.093, 247.713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 169, 225) }
```

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

```
.background{ background-color: rgb(26, 169,  
225) }
```

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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