

Converting Colors

CIELCh(51, 41.768, 262.150)

Have a look what the booklet for
CIELCh(51, 41.768, 262.150)
contains.

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Color

CIELCh(51, 41.888, 262.316)

Conversions

Conversions Part 1

Format	Color
Hex	0280C0
RGB	2, 128, 192
RGB Percent	1%, 50%, 75%
CMY	0.9914, 0.4979, 0.2469
CMYK	0.99, 0.33, 0.00, 0.25
HSL	200°, 98%, 38%
HSV	200°, 99%, 75%
XYZ	17.2692, 19.2686, 52.7000
YIQ	97.6220, -95.6400, -6.8080

Conversions

Conversions Part 2

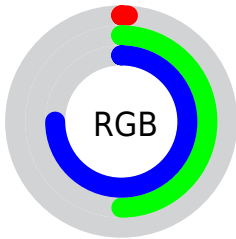
Format	Color
RYB	2, 78, 192
Decimal	164032
CIELab	51.00, -5.60, -41.51
CIELCh	51, 41.888, 262.316
Yxy	19.2686, 0.1935, 0.2159
Android (android.graphics.Color)	4278354112 (0xFF0280C0)
YUV	97.6220, 46.5284, -83.8605
Hunter-Lab	43.8960, -6.5940, -40.4542

Details

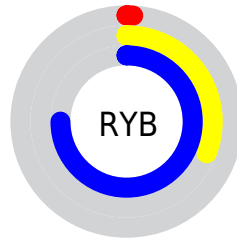
The CIELCh color **51, 41.888, 262.316** is a dark color, and the websafe version is hex **006699**. The color can be described as dark washed azure. A complement of this color would be **46, 74.171, 49.338**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **71, 41.808, 262.064**, and **33, 38.675, 274.703** is the 20% darker color. If you saturate the color by 10%, you get **51, 42.219, 262.869**, and if you desaturate by 10%, it is **53, 39.093, 257.367**.

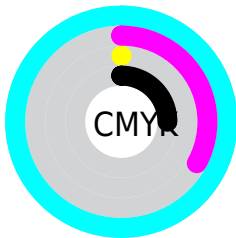
Distribution



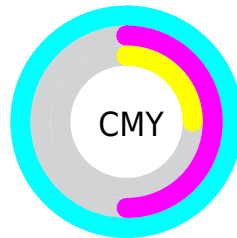
- Red (1%)
- Green (50%)
- Blue (75%)



- Red (1%)
- Yellow (31%)
- Blue (75%)



- Cyan (99%)
- Magenta (33%)
- Yellow (0%)
- Black (25%)





- Cyan (99%)
- Magenta (50%)
- Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 51, 41.888, 262.316 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 51, 41.888, 262.316 by changing the saturation by 10% instead.


 51, 41.888,
262.316


 51, 41.888,
262.316


 100, 41.888,
262.316


 41, 41.888,
262.316


 71, 41.888,
262.316

 31, 41.888,
262.316


 81, 41.888,
262.316

 21, 41.888,
262.316

 91, 41.888,
262.316

 11, 41.888,
262.316

 1, 41.888, 262.316

 0, 41.888, 262.316

■ 51, 41.888,
262.316

■ 51, 41.888,
262.316

■ 51, 42.219,
262.869

■ 53, 39.093,
257.367

■ 55, 36.168,
252.883

■ 58, 32.930,
249.047

■ 60, 29.285,
245.855

■ 63, 25.200,
243.246

■ 66, 20.687,
241.138

■ 69, 15.789,
239.446

■ 72, 10.559,

238.097

■ 75, 5.058, 237.050

Harmonies

Complementary

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



51, 41.888, 262.316



46, 74.171, 49.338

Rectangle

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



51, 41.888, 262.316



51, 41.888, 312.316



51, 41.888, 82.316



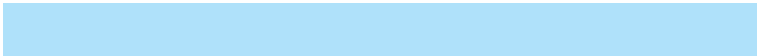
51, 41.888, 132.316

Sweetspot

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



51, 41.887, 262.317



87, 20.245, 239.696



68, 83.172, 142.362



45, 13.653, 240.394



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



51, 41.887, 262.317



65, 51.976, 263.771



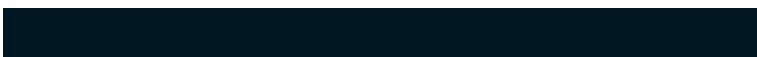
27, 97.077, 303.279



39, 3.259, 237.096



43, 36.695, 262.118



6, 10.859, 250.935

Inverse Universe

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



42, 72.809, 347.530



55, 88.561, 348.213



67, 69.934, 90.814



38, 5.703, 336.450



35, 64.017, 347.437



3, 17.699, 342.449

Previews

White Background



This preview shows how the CIELCh color 51, 41.888, 262.316 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 51, 41.888, 262.316 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

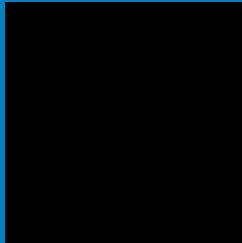
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 41.888, 262.316

Background



This preview shows how black text looks on a background with the CIELCh color 51, 41.888, 262.316.




This preview shows how white text looks on a background with the CIELCh color 51, 41.888, 262.316.

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
51, 30.242, 206.727

Trichromacy



Original Color
51, 41.888, 262.316

Protanomaly
50, 39.888, 272.576

Deuteranomaly
51, 42.572, 271.202

Tritanomaly
51, 30.879, 230.863

Monochromacy



Original Color
51, 41.888, 262.316

Achromatopsia
42, 0.006, 296.813

Achromatomaly
44, 19.686, 243.126

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 41.888, 262.316 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(2, 128, 192)` looks like.

```
.text, #text, p{  
    color:rgb(2, 128, 192)  
}
```

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(2, 128, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 128, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 41.888, 262.316 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(2, 128, 192) }
```

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

```
.border{ border-color:rgb(2, 128, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 128, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 128, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 128, 192);  
box-shadow:4px 4px 4px 4px rgb(2, 128,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 41.888, 262.316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 128, 192) }
```

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

```
.background{ background-color: rgb(2, 128,  
192) }
```

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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