

Converting Colors

CIELCh(51, 6.946, 291.097)

Have a look what the booklet for
CIELCh(51, 6.946, 291.097) contains.

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Color

CIELCh(51, 6.414, 291.002)

Conversions

Conversions Part 1

Format	Color
Hex	797984
RGB	121, 121, 132
RGB Percent	47%, 47%, 52%
CMY	0.5271, 0.5270, 0.4839
CMYK	0.08, 0.08, 0.00, 0.48
HSL	240°, 4%, 49%
HSV	240°, 8%, 52%
XYZ	18.7551, 19.2686, 24.4149
YIQ	122.2540, -3.5310, 3.4210

Conversions

Conversions Part 2

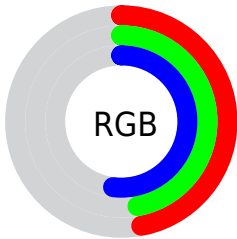
Format	Color
R_{YB}	121, 121, 132
Decimal	7960964
CIE Lab	51.00, 2.30, -5.99
CIE LCh	51, 6.414, 291.002
Yxy	19.2686, 0.3004, 0.3086
Android (android.graphics.Color)	4286151044 (0xFF797984)
YUV	122.2540, 4.8048, -1.0998
Hunter-Lab	43.8960, -0.5519, -2.2497

Details

The CIELCh color **51, 6.414, 291.002** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **55, 6.290, 109.391**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 6.558, 290.832**, and **31, 6.370, 287.606** is the 20% darker color. If you saturate the color by 10%, you get **46, 14.361, 292.126**, and if you desaturate by 10%, it is **56, 1.231, 109.982**.

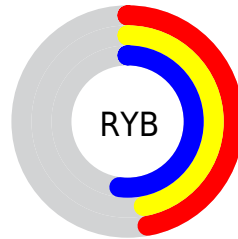
Distribution



Red (47%)

Green (47%)

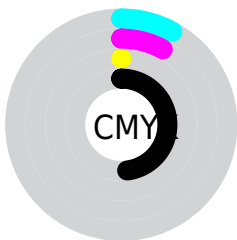
Blue (52%)



Red (47%)

Yellow (47%)

Blue (52%)

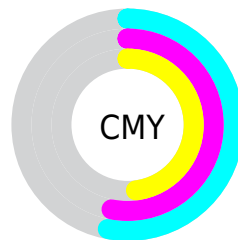


Cyan (8%)

Magenta (8%)

Yellow (0%)

Black (48%)



Cyan (53%)

Magenta (53%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 51, 6.414, 291.002 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, 6.414, 291.002 by changing the saturation by 10% instead.

■ 51, 6.414, 291.002

■ 51, 6.414, 291.002

■ 100, 6.414,
291.002

■ 41, 6.414, 291.002

■ 71, 6.414, 291.002

■ 31, 6.414, 291.002

■ 81, 6.414, 291.002

■ 21, 6.414, 291.002

■ 91, 6.414, 291.002

■ 11, 6.414, 291.002

■ 1, 6.414, 291.002

■ 0, 6.414, 291.002

■ 51, 6.414, 291.002

■ 51, 6.414, 291.002

■ 46, 14.361,
292.126

■ 56, 1.231, 109.982

■ 61, 8.593, 109.189

41, 22.637,
293.455

65, 15.694,
108.485

37, 31.260,
295.005

70, 22.552,
107.877

32, 40.229,
296.788

74, 29.183,
107.353

27, 49.486,
298.784

79, 35.601,
106.898

23, 58.824,
300.914

84, 41.820,
106.502

19, 67.734,
302.999

88, 47.852,
106.155

16, 75.255,
304.759

92, 53.709,
105.851

14, 80.905,
306.061

Harmonies

Complementary

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



51, 6.414, 291.002



55, 6.290, 109.391

Rectangle

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



51, 6.414, 291.002



51, 6.414, 341.002



51, 6.414, 111.002



51, 6.414, 161.002

Sweetspot

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



51, 6.413, 290.995



68, 2.827, 290.478



54, 4.262, 197.637



36, 2.162, 290.546



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



51, 6.413, 290.995



64, 9.534, 291.193



51, 6.762, 308.835



25, 4.362, 291.077



13, 81.187, 306.283



0, 1.028, 290.169

Inverse Universe

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



52, 4.477, 19.803



65, 6.680, 19.946



54, 6.678, 128.138



26, 3.050, 19.863



26, 62.113, 38.500



0, 0.707, 19.388

Previews

White Background



This preview shows how the CIELCh color 51, 6.414, 291.002 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 CIE LCh color 51, 6.414, 291.002 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

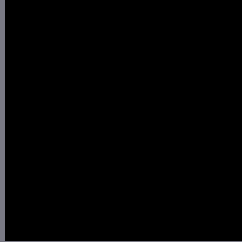
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

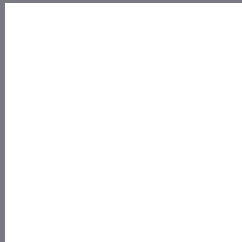
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 51, 6.414, 291.002

Background



This preview shows how black text looks on a background with the CIELCh color 51, 6.414, 291.002.



This preview shows how white text looks on a background with the CIELCh color 51, 6.414, 291.002.

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


51, 6.414, 291.002

Protanopia

51, 6.414, 291.002

Deuteranopia

51, 9.104, 316.598



Tritanopia
51, 5.257, 286.624

Trichromacy



Original Color

51, 6.414, 291.002

Protanomaly

51, 6.414, 291.002

Deuteranomaly

51, 7.974, 308.146

Tritanomaly

51, 5.838, 287.132

Monochromacy



Original Color

51, 6.414, 291.002

Achromatopsia

51, 0.007, 296.813

Achromatomaly

51, 2.336, 290.496

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 6.414, 291.002 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(121, 121, 132)` looks like.

```
.text, #text, p{  
    color:rgb(121, 121, 132)  
}
```

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(121, 121, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 121, 132) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 6.414, 291.002 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(121, 121, 132) }
```

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

```
.border{ border-color:rgb(121, 121, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 121, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 121, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 121, 132);  
box-shadow:4px 4px 4px 4px rgb(121, 121,  
132) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 6.414, 291.002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 121, 132) }
```

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

```
.background{ background-color: rgb(121,  
121, 132) }
```

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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