

Converting Colors

CIELCh(43, 43.908, 288.514)

Have a look what the booklet for
CIELCh(43, 43.908, 288.514)
contains.

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Color

CIELCh(43, 43.908, 288.514)

Conversions

Conversions Part 1

Format	Color
Hex	4D62AB
RGB	77, 98, 171
RGB Percent	30%, 38%, 67%
CMY	0.6996, 0.6170, 0.3309
CMYK	0.55, 0.43, 0.00, 0.33
HSL	227°, 38%, 48%
HSV	227°, 55%, 67%
XYZ	14.6778, 13.1578, 40.1007
YIQ	100.0430, -35.9490, 18.2510

Conversions

Conversions Part 2

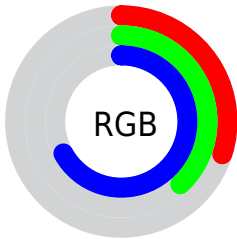
Format	Color
R_{YB}	77, 94, 171
Decimal	5071531
CIE _{Lab}	43.00, 13.94, -41.64
CIE _{LCh}	43, 43.908, 288.514
Yxy	13.1578, 0.2161, 0.1937
Android (android.graphics.Color)	4283261611 (0xFF4D62AB)
YUV	100.0430, 34.9818, -20.2087
Hunter-Lab	36.2736, 8.7496, -40.1538

Details

The CIELCh color `43, 43.908, 288.514` is a dark color, and the websafe version is hex `666699`. A complement of this color would be `62, 40.929, 92.266`, and the grayscale version is `42, 0.006, 296.813`.

A 20% lighter version of the original color is `63, 44.233, 288.667`, and `23, 43.903, 288.594` is the 20% darker color. If you saturate the color by 10%, you get `38, 52.725, 291.192`, and if you desaturate by 10%, it is `48, 35.379, 286.150`.

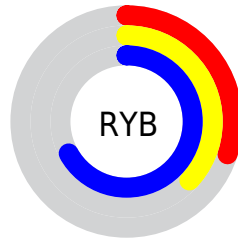
Distribution



Red (30%)

Green (38%)

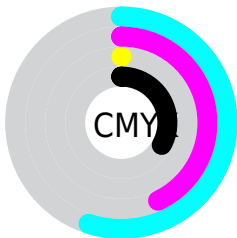
Blue (67%)



Red (30%)

Yellow (37%)

Blue (67%)

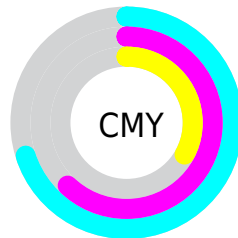


Cyan (55%)

Magenta (43%)

Yellow (0%)

Black (33%)



Cyan (70%)


Magenta (62%)


Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 43.908, 288.514 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 43, 43.908, 288.514 by changing the saturation by 10% instead.


 43, 43.908,
288.514


 43, 43.908,
288.514


 100, 43.908,
288.514


 33, 43.908,
288.514

 63, 43.908,
288.514


 23, 43.908,
288.514

 73, 43.908,
288.514

 13, 43.908,
288.514

 83, 43.908,
288.514

 3, 43.908, 288.514

 93, 43.908,
288.514

 0, 43.908, 288.514

 43, 43.908,

 43, 43.908,

288.514

288.514

■ 38, 52.725,
291.192

■ 48, 35.379,
286.150

■ 34, 61.794,
294.129

■ 53, 27.126,
284.099

■ 30, 70.949,
297.196

■ 58, 19.125,
282.337

■ 26, 79.787,
300.174

■ 62, 11.352,
280.830

■ 25, 83.839,
301.446

■ 67, 3.789, 279.558

■ 72, 3.578, 98.357

■ 77, 10.759, 97.417

■ 82, 17.761, 96.579

■ 87, 24.592, 95.842

Harmonies

Complementary

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



43, 43.908, 288.514



62, 40.929, 92.266

Rectangle

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



43, 43.908, 288.514



43, 43.908, 338.514



43, 43.908, 108.514



43, 43.908, 158.514

Sweetspot

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



43, 43.907, 288.515



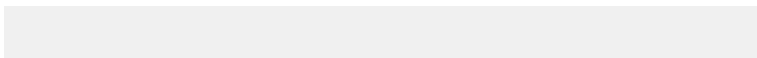
78, 15.870, 281.142



64, 33.394, 175.015



40, 10.728, 281.425



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



43, 43.907, 288.515



49, 66.408, 291.784



40, 57.468, 305.077



33, 4.177, 280.059



21, 74.668, 301.109



1, 7.803, 280.838

Inverse Universe

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



45, 41.185, 9.385



54, 60.651, 12.740



66, 50.537, 117.381



33, 3.885, 2.238



30, 60.465, 26.521



1, 6.849, 3.804

Previews

White Background



This preview shows how the CIE LCh color 43, 43.908, 288.514 looks on a white background.

Color Contrast Check

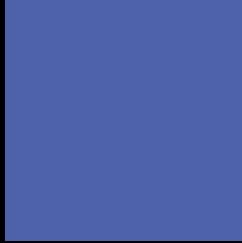
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 43, 43.908, 288.514 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

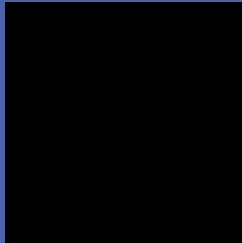
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

CIELCh 43, 43.908, 288.514

Background



This preview shows how black text looks on a background with the CIELCh color 43, 43.908, 288.514.



This preview shows how white text looks on a background with the CIELCh color 43, 43.908, 288.514.

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



Original Color

43, 43.908, 288.514

Protanopia

43, 44.073, 286.002

Deuteranopia

43, 41.745, 279.256



Tritanopia
43, 17.988, 215.264

Trichromacy



Original Color
43, 43.908, 288.514

Protanomaly
43, 43.437, 286.344

Deuteranomaly
43, 42.579, 282.792

Tritanomaly
43, 22.556, 257.991

Monochromacy



Original Color
43, 43.908, 288.514

Achromatopsia
42, 0.006, 296.813

Achromatomaly
42, 16.473, 282.377

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 43.908, 288.514 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(77, 98, 171)` looks like.

```
.text, #text, p{  
    color:rgb(77, 98, 171)  
}
```

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(77, 98, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 98, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 43.908, 288.514 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(77, 98, 171) }
```

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

```
.border{ border-color:rgb(77, 98, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 98, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 98, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 98, 171);  
box-shadow:4px 4px 4px 4px rgb(77, 98,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 43.908, 288.514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 98, 171) }
```

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

```
.background{ background-color: rgb(77, 98,  
171) }
```

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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