Converting Colors

CIELCh(43, 18.267, 262.181)

Have a look what the booklet for CIELCh(43, 18.267, 262.181) contains.

Color

CIELCh(43, 18.288, 262.245)

Conversions

Format	Color
	Conversions Part 1
Hex	4D6883
RGB	77, 104, 131
RGB Percent	30%, 41%, 51%
CMY	0.6974, 0.5916, 0.4857
CMYK	0.41, 0.21, 0.00, 0.49
HSL	210°, 26%, 41%
HSV	210°, 41%, 51%
XYZ	12.1455, 13.1578, 23.4276
YIQ	99.0050, -24.7590, 2.6730

Conversions

Conversions Part 2

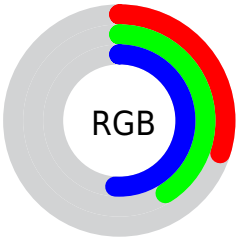
Format	Color
RYB	77, 95, 131
Decimal	5073027
CIELab	43.00, -2.47, -18.12
CIELCh	43, 18.288, 262.245
Yxy	13.1578, 0.2492, 0.2700
Android (android.graphics.Color)	4283263107 (0xFF4D6883)
YUV	99.0050, 15.7735, -19.2984
Hunter-Lab	36.2736, -3.7116, -12.9014

Details

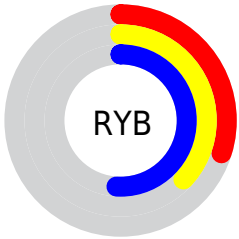
The CIELCh color 43, 18.288, 262.245 is a dark color, and the websafe version is hex 336699. A complement of this color would be 46, 20.476, 70.480, and the grayscale version is 42, 0.006, 296.813.

A 20% lighter version of the original color is 63, 18.282, 262.110, and 23, 18.659, 263.005 is the 20% darker color. If you saturate the color by 10%, you get 40, 22.544, 264.727, and if you desaturate by 10%, it is 46, 13.948, 260.144.

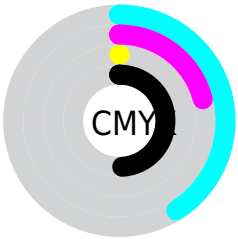
Distribution



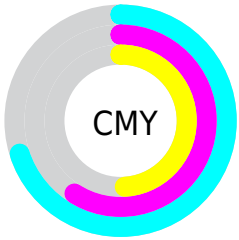
- Red (30%)
- Green (41%)
- Blue (51%)



- Red (30%)
- Yellow (37%)
- Blue (51%)



- Cyan (41%)
- Magenta (21%)
- Yellow (0%)
- Black (49%)



- Cyan (70%)
- Magenta (59%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 18.288, 262.245 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, 18.288, 262.245 by changing the saturation by 10% instead.

43, 18.288, 262.245

43, 18.288, 262.245

100, 18.288, 262.245

33, 18.288, 262.245

63, 18.288, 262.245

23, 18.288, 262.245

73, 18.288, 262.245

13, 18.288, 262.245

83, 18.288, 262.245

3, 18.288, 262.245

0, 18.288, 262.245

93, 18.288, 262.245

43, 18.288,

43, 18.288,

262.245

40, 22.544, 264.727

38, 26.720, 267.641

35, 30.838, 271.016

32, 34.940, 274.839

30, 39.086, 279.033

28, 42.872, 282.666

262.245

46, 13.948, 260.144

49, 9.533, 258.375

52, 5.057, 256.895

54, 0.538, 256.063

57, 4.009, 74.402

60, 8.568, 73.497

63, 13.127, 72.694

66, 17.674, 71.989

69, 22.200, 71.367

Harmonies

Complementary

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

43, 18.288, 262.245

46, 20.476, 70.480

Rectangle

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

43, 18.288, 262.245

43, 18.288, 312.245

43, 18.288, 82.245

43, 18.288, 132.245

Sweetspot

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

43, 18.287, 262.244

66, 6.737, 257.044

51, 26.092, 159.740

34, 4.502, 257.191

86, 0.010, 296.813

37, 0.005, 296.813

Same Dimension

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

43, 18.287, 262.244

53, 26.816, 264.447

35, 33.669, 295.490

26, 2.578, 256.629

28, 42.576, 282.624

0, 0.620, 255.435

Inverse Universe

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

40, 27.346, 347.594

48, 40.092, 348.771

54, 30.390, 106.370

26, 3.713, 344.338

27, 51.558, 0.643

0, 0.880, 343.651

Previews

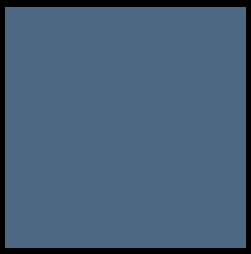
White Background

This preview shows how the CIELCh color 43, 18.288, 262.245 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



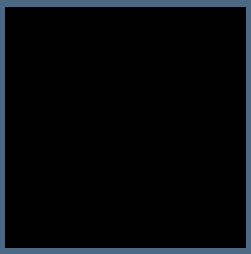
This preview shows how the CIELCh color 43, 18.288, 262.245 looks on a black background.

Color Contrast Check

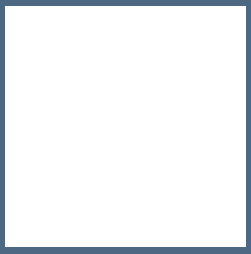
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the Color Contrast Checker.

CIELCh 43, 18.288, 262.245 Background



This preview shows how black text looks on a background with the CIELCh color 43, 18.288, 262.245.



This preview shows how white text looks on a background with the CIELCh color 43, 18.288, 262.245.

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, 18.288, 262.245

Protanopia
43, 16.947, 285.199

Deuteranopia
43, 19.323, 286.553

Tritanopia
43, 13.190, 222.563

Trichromacy

Original Color
43, 18.288, 262.245

Protanomaly
43, 16.817, 275.236

Deuteranomaly
43, 18.521, 277.328

Tritanomaly
43, 14.251, 241.269

Monochromacy

Original Color
43, 18.288, 262.245

Achromatopsia
42, 0.006, 296.813

Achromatomaly
42, 7.087, 257.822

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 18.288, 262.245 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, 104, 131) looks like.

```
.text, #text, p{
    color:rgb(77, 104, 131)
}
```

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, 104, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 104, 131) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 18.288, 262.245 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, 104, 131) }
```

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

```
.border{ border-color:rgb(77, 104, 131) }
```

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

Here you see how a box with a 4 pixel rgb(77, 104, 131) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(77, 104, 131); -webkit-box-shadow:4px 4px 4px 4px rgb(77, 104, 131); box-shadow:4px 4px 4px 4px rgb(77, 104, 131) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 18.288, 262.245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(77, 104, 131) }
```

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

```
.background{ background-color:rgb(77, 104,
131) }
```

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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