

Converting Colors

CIELCh(43, 20.842, 199.675)

Have a look what the booklet for
CIELCh(43, 20.842, 199.675)
contains.

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Color

CIELCh(43, 20.918, 200.415)

Conversions

Conversions Part 1

Format	Color
Hex	2F6F71
RGB	47, 111, 113
RGB Percent	18%, 44%, 44%
CMY	0.8158, 0.5648, 0.5570
CMYK	0.58, 0.02, 0.00, 0.56
HSL	182°, 41%, 31%
HSV	182°, 58%, 44%
XYZ	9.8311, 13.1578, 17.6359
YIQ	92.0920, -38.7860, -12.9460

Conversions

Conversions Part 2

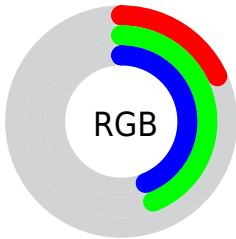
Format	Color
R_{YB}	47, 79, 113
Decimal	3108721
CIE Lab	43.00, -19.60, -7.30
CIE LCh	43, 20.918, 200.415
Yxy	13.1578, 0.2420, 0.3239
Android (android.graphics.Color)	4281298801 (0xFF2F6F71)
YUV	92.0920, 10.3076, -39.5457
Hunter-Lab	36.2736, -15.1007, -3.4347




Details

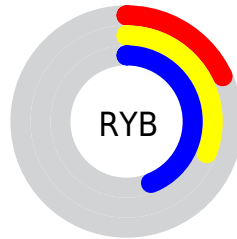
The CIELCh color **43, 20.918, 200.415** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **29, 31.880, 28.109**, and the grayscale version is **39, 0.006, 296.813**.




A 20% lighter version of the original color is **63, 21.021, 200.704**, and **23, 18.110, 200.749** is the 20% darker color. If you saturate the color by 10%, you get **43, 23.026, 200.407**, and if you desaturate by 10%, it is **44, 18.295, 200.516**.

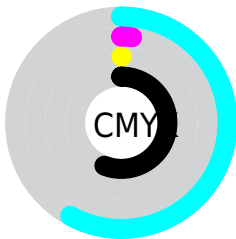
Distribution







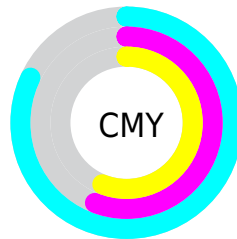
-  Red (18%)
-  Green (44%)
-  Blue (44%)






-  Red (18%)
-  Yellow (31%)
-  Blue (44%)



-  Cyan (58%)
-  Magenta (2%)
-  Yellow (0%)
-  Black (56%)





-  Cyan (82%)
-  Magenta (56%)
-  Yellow (56%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 20.918, 200.415 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, 20.918, 200.415 by changing the saturation by 10% instead.


 43, 20.918,
200.415


 43, 20.918,
200.415


 100, 20.918,
200.415


 33, 20.918,
200.415

 63, 20.918,
200.415


 23, 20.918,
200.415

 73, 20.918,
200.415

 13, 20.918,
200.415

 83, 20.918,
200.415

 3, 20.918, 200.415

 93, 20.918,
200.415

 0, 20.918, 200.415

 43, 20.918,

 43, 20.918,

200.415

■ 43, 23.026,
200.407

■ 42, 24.596,
200.506

■ 42, 25.633,
200.714

■ 42, 26.303,
201.000

■ 42, 26.407,
201.043

200.415

■ 44, 18.295,
200.516

■ 44, 15.199,
200.706

■ 45, 11.687,
200.975

■ 46, 7.824, 201.317

■ 47, 3.673, 201.751

■ 48, 0.703, 21.558

■ 49, 5.249, 22.469

■ 50, 9.915, 22.989

■ 51, 14.662, 23.507

Harmonies

Complementary

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



43, 20.918, 200.415



29, 31.880, 28.109

Rectangle

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



43, 20.918, 200.415



43, 20.918, 250.415



43, 20.918, 20.415



43, 20.918, 70.415

Sweetspot

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



43, 20.918, 200.413



59, 9.531, 201.315



42, 46.011, 140.155



30, 6.535, 201.230



81, 0.010, 296.813



31, 0.005, 296.813

Same Dimension

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



43, 20.918, 200.413



55, 28.698, 200.429



33, 23.157, 268.341



23, 2.435, 201.722



44, 27.539, 201.075



86, 46.930, 201.355

Inverse Universe

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



31, 45.198, 328.182



38, 64.309, 328.695



37, 26.721, 70.076



22, 4.490, 325.707



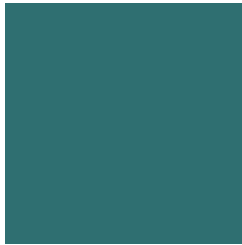
27, 64.631, 329.426



58, 110.236, 329.496

Previews

White Background



This preview shows how the CIELCh color 43, 20.918, 200.415 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, 20.918, 200.415 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

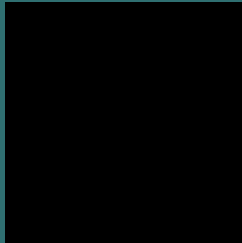
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 20.918, 200.415

Background



This preview shows how black text looks on a background with the CIELCh color 43, 20.918, 200.415.



This preview shows how white text looks on a background with the CIELCh color 43, 20.918, 200.415.

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, 20.918, 200.415

Protanopia

43, 3.649, 297.097

Deuteranopia

43, 10.469, 302.440



Tritanopia
43, 20.052, 213.173

Trichromacy



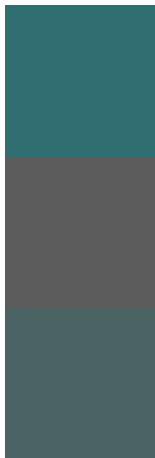
Original Color
43, 20.918, 200.415

Protanomaly
42, 9.177, 217.758

Deuteranomaly
42, 10.213, 244.172

Tritanomaly
43, 20.227, 209.409

Monochromacy



Original Color
43, 20.918, 200.415

Achromatopsia
39, 0.006, 296.813

Achromatomaly
40, 8.969, 202.248

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 20.918, 200.415 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(47, 111, 113)` looks like.

```
.text, #text, p{  
    color:rgb(47, 111, 113)  
}
```

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(47, 111, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 111, 113) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 20.918, 200.415 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(47, 111, 113) }
```

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

```
.border{ border-color:rgb(47, 111, 113) }
```

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

Here you see how a box with a 4 pixel rgb(47, 111, 113) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 111, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 111, 113);  
box-shadow:4px 4px 4px 4px rgb(47, 111,  
113) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 20.918, 200.415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 111, 113) }
```

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

```
.background{ background-color: rgb(47, 111,  
113) }
```

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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