

Converting Colors

CIELCh(43, 24.160, 197.155)

Have a look what the booklet for
CIELCh(43, 24.160, 197.155)
contains.

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Color

CIELCh(43, 23.921, 198.217)

Conversions

Conversions Part 1

Format	Color
Hex	217071
RGB	33, 112, 113
RGB Percent	13%, 44%, 44%
CMY	0.8695, 0.5600, 0.5561
CMYK	0.71, 0.01, 0.00, 0.56
HSL	181°, 55%, 29%
HSV	181°, 71%, 44%
XYZ	9.4445, 13.1578, 17.7241
YIQ	88.4930, -47.4050, -16.4370

Conversions

Conversions Part 2

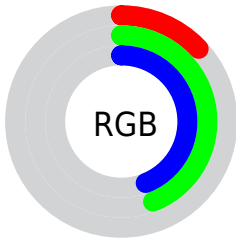
Format	Color
R_{YB}	33, 73, 113
Decimal	2191473
CIE _{Lab}	43.00, -22.72, -7.48
CIE _{LCh}	43, 23.921, 198.217
Yxy	13.1578, 0.2342, 0.3263
Android (android.graphics.Color)	4280381553 (0xFF217071)
YUV	88.4930, 12.0820, -48.6674
Hunter-Lab	36.2736, -17.0032, -3.5789

Details

The CIELCh color **43, 23.921, 198.217** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **26, 40.039, 30.090**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 23.741, 198.759**, and **24, 18.448, 198.521** is the 20% darker color. If you saturate the color by 10%, you get **43, 25.426, 198.166**, and if you desaturate by 10%, it is **43, 21.873, 198.343**.

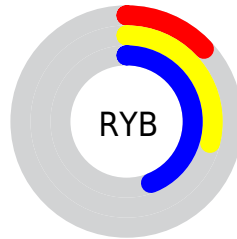
Distribution



Red (13%)

Green (44%)

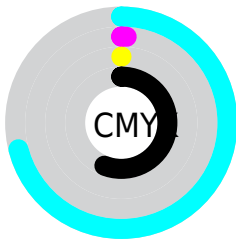
Blue (44%)



Red (13%)

Yellow (29%)

Blue (44%)

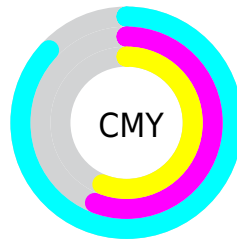


Cyan (71%)

Magenta (1%)

Yellow (0%)

Black (56%)



Cyan (87%)


Magenta (56%)


Yellow (56%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 23.921, 198.217 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, 23.921, 198.217 by changing the saturation by 10% instead.


 43, 23.921,
198.217


 43, 23.921,
198.217


 100, 23.921,
198.217


 33, 23.921,
198.217

 63, 23.921,
198.217


 23, 23.921,
198.217

 73, 23.921,
198.217

 13, 23.921,
198.217

 83, 23.921,
198.217

 3, 23.921, 198.217

 93, 23.921,
198.217

 0, 23.921, 198.217

 43, 23.921,

 43, 23.921,

198.217

198.217

■ 43, 25.426,
198.166

■ 43, 21.873,
198.343

■ 43, 26.403,
198.193

■ 44, 19.299,
198.546

■ 42, 27.065,
198.254

■ 44, 16.235,
198.819

■ 45, 12.737,
199.158

■ 46, 8.866, 199.558

■ 47, 4.690, 200.031

■ 48, 0.273, 201.767

■ 49, 4.328, 20.852

■ 50, 9.059, 21.428

Harmonies

Complementary

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



43, 23.921, 198.217



26, 40.039, 30.090

Rectangle

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



43, 23.921, 198.217



43, 23.921, 248.217



43, 23.921, 18.217



43, 23.921, 68.217

Sweetspot

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



43, 23.921, 198.216



59, 11.218, 199.517



42, 54.302, 138.432



30, 7.495, 199.431



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, 23.921, 198.216



55, 31.693, 198.175



30, 27.141, 270.424



23, 2.479, 200.119



45, 28.188, 198.266



88, 48.095, 198.375

Inverse Universe

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



29, 53.020, 328.075



36, 72.532, 328.499



35, 32.852, 66.897



22, 4.545, 325.220



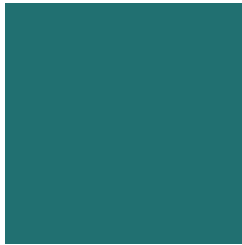
28, 65.506, 328.715



58, 111.814, 328.743

Previews

White Background



This preview shows how the CIELCh color 43, 23.921, 198.217 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, 23.921, 198.217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

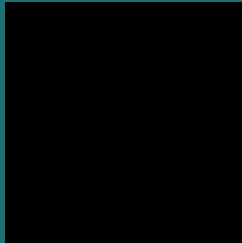
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 23.921, 198.217

Background



This preview shows how black text looks on a background with the CIELCh color 43, 23.921, 198.217.

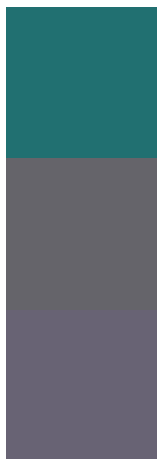


This preview shows how white text looks on a background with the CIELCh color 43, 23.921, 198.217.

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, 23.921, 198.217

Protanopia

43, 3.649, 297.097

Deuteranopia

43, 10.469, 302.440



Tritanopia
43, 22.377, 211.252

Trichromacy



Original Color
43, 23.921, 198.217

Protanomaly
42, 10.825, 214.558

Deuteranomaly
42, 11.424, 234.240

Tritanomaly
43, 22.736, 207.794

Monochromacy



Original Color
43, 23.921, 198.217

Achromatopsia
38, 0.005, 296.813

Achromatomaly
39, 10.752, 201.374

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 23.921, 198.217 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(33, 112, 113)` looks like.

```
.text, #text, p{  
    color:rgb(33, 112, 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(33, 112, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 112, 113) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 23.921, 198.217 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(33, 112, 113) }
```

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

```
.border{ border-color:rgb(33, 112, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 112, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 112, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 112, 113);  
box-shadow:4px 4px 4px 4px rgb(33, 112,  
113) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 23.921, 198.217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 112, 113) }
```

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

```
.background{ background-color: rgb(33, 112,  
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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