

Converting Colors

CIELCh(43, 24.668, 196.666)

Have a look what the booklet for
CIELCh(43, 24.668, 196.666)
contains.

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Color

CIELCh(43, 24.728, 196.676)

Conversions

Conversions Part 1

Format	Color
Hex	1D7171
RGB	29, 113, 113
RGB Percent	11%, 44%, 44%
CMY	0.8849, 0.5586, 0.5586
CMYK	0.74, 0.00, 0.00, 0.56
HSL	180°, 59%, 28%
HSV	180°, 74%, 44%
XYZ	9.3268, 13.1578, 17.5387
YIQ	87.8840, -50.0640, -17.8080

Conversions

Conversions Part 2

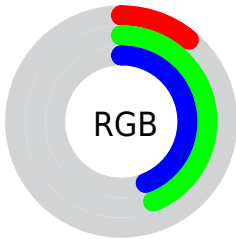
Format	Color
R_{YB}	29, 71, 113
Decimal	1929585
CIE _{Lab}	43.00, -23.69, -7.10
CIE _{LCh}	43, 24.728, 196.676
Yxy	13.1578, 0.2330, 0.3288
Android (android.graphics.Color)	4280119665 (0xFF1D7171)
YUV	87.8840, 12.3822, -51.6413
Hunter-Lab	36.2736, -17.5823, -3.2758

Details

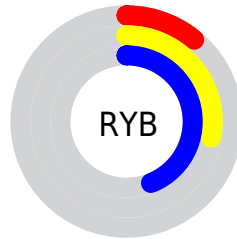
The CIELCh color **43, 24.728, 196.676** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **25, 42.174, 30.506**, and the grayscale version is **37, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 24.838, 197.305**, and **24, 18.808, 196.386** is the 20% darker color. If you saturate the color by 10%, you get **43, 26.091, 196.531**, and if you desaturate by 10%, it is **43, 22.826, 196.877**.

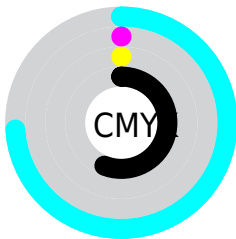
Distribution



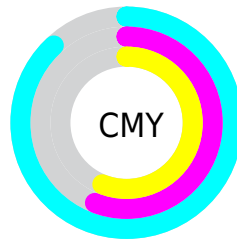
- Red (11%)
- Green (44%)
- Blue (44%)



- Red (11%)
- Yellow (28%)
- Blue (44%)



- Cyan (74%)
- Magenta (0%)
- Yellow (0%)
- Black (56%)




- Cyan (88%)
- Magenta (56%)
- Yellow (56%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 24.728, 196.676 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, 24.728, 196.676 by changing the saturation by 10% instead.


 43, 24.728,
196.676


 43, 24.728,
196.676

 100, 24.728,
196.676

 33, 24.728,
196.676

 63, 24.728,
196.676


 23, 24.728,
196.676

 73, 24.728,
196.676

 13, 24.728,
196.676

 83, 24.728,
196.676

 3, 24.728, 196.676

 93, 24.728,
196.676

 0, 24.728, 196.676

 43, 24.728,

 43, 24.728,

196.676

■ 43, 26.091,
196.531

■ 43, 26.960,
196.441

■ 43, 27.415,
196.393

196.676

■ 43, 22.826,
196.877

■ 44, 20.391,
197.139

■ 44, 17.452,
197.460

■ 45, 14.058,
197.837

■ 45, 10.269,
198.269

■ 46, 6.152, 198.759

■ 47, 1.771, 199.409

■ 48, 2.810, 19.609

■ 49, 7.538, 20.248

Harmonies

Complementary

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



43, 24.728, 196.676



25, 42.174, 30.506

Rectangle

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



43, 24.728, 196.676



43, 24.728, 246.676



43, 24.728, 16.676



43, 24.728, 66.676

Sweetspot

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



43, 24.728, 196.675



58, 11.701, 198.332



41, 55.879, 138.092



30, 7.872, 198.239



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, 24.728, 196.675



55, 32.181, 196.461



29, 28.210, 271.582



23, 2.511, 199.034



45, 28.673, 196.394



89, 48.968, 196.394

Inverse Universe

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



28, 54.886, 327.775



35, 73.496, 328.120



34, 34.352, 66.454



22, 4.583, 324.887



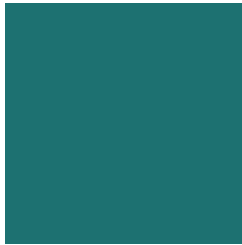
28, 66.122, 328.234



59, 112.926, 328.234

Previews

White Background



This preview shows how the CIELCh color 43, 24.728, 196.676 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, 24.728, 196.676 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

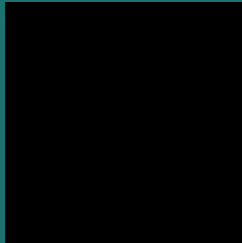
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 24.728, 196.676

Background



This preview shows how black text looks on a background with the CIELCh color 43, 24.728, 196.676.



This preview shows how white text looks on a background with the CIELCh color 43, 24.728, 196.676.

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, 24.873, 196.661

Protanopia

43, 3.137, 305.704

Deuteranopia

43, 10.469, 302.440



Tritanopia
43, 22.867, 210.895

Trichromacy



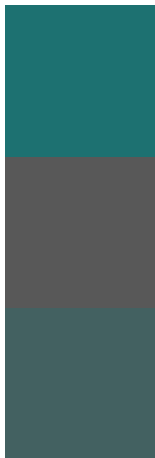
Original Color
43, 24.873, 196.661

Protanomaly
42, 11.017, 207.690

Deuteranomaly
42, 11.696, 233.265

Tritanomaly
43, 23.528, 204.300

Monochromacy



Original Color
43, 24.873, 196.661

Achromatopsia
37, 0.005, 296.813

Achromatomaly
39, 11.493, 197.979

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 24.728, 196.676 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(29, 113, 113)` looks like.

```
.text, #text, p{  
    color:rgb(29, 113, 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(29, 113, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 113, 113) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 24.728, 196.676 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(29, 113, 113) }
```

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

```
.border{ border-color:rgb(29, 113, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(29, 113, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 113, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 113, 113);  
box-shadow:4px 4px 4px 4px rgb(29, 113,  
113) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 24.728, 196.676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 113, 113) }
```

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

```
.background{ background-color: rgb(29, 113,  
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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