

Converting Colors

CIELCh(43, 25.235, 196.831)

Have a look what the booklet for
CIELCh(43, 25.235, 196.831)
contains.

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Color

CIELCh(43, 25.282, 196.618)

Conversions

Conversions Part 1

Format	Color
Hex	1A7171
RGB	26, 113, 113
RGB Percent	10%, 44%, 44%
CMY	0.8995, 0.5578, 0.5578
CMYK	0.77, 0.00, 0.00, 0.56
HSL	180°, 63%, 27%
HSV	180°, 77%, 44%
XYZ	9.2617, 13.1578, 17.6038
YIQ	86.9870, -51.8520, -18.4440

Conversions

Conversions Part 2

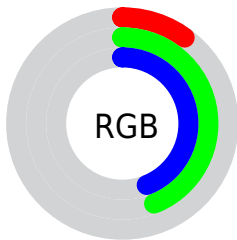
Format	Color
RYB	26, 70, 113
Decimal	1732977
CIELab	43.00, -24.23, -7.23
CIELCh	43, 25.282, 196.618
Yxy	13.1578, 0.2314, 0.3288
Android (android.graphics.Color)	4279923057 (0xFF1A7171)
YUV	86.9870, 12.8244, -53.4856
Hunter-Lab	36.2736, -17.9028, -3.3822

Details

The CIELCh color **43, 25.282, 196.618** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **25, 44.276, 31.579**, and the grayscale version is **37, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 25.082, 197.284**, and **24, 18.448, 198.521** is the 20% darker color. If you saturate the color by 10%, you get **43, 26.469, 196.492**, and if you desaturate by 10%, it is **43, 23.560, 196.799**.

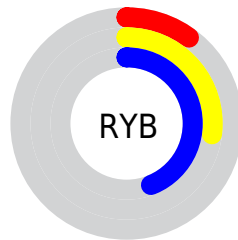
Distribution



Red (10%)

Green (44%)

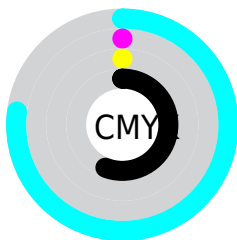
Blue (44%)



Red (10%)

Yellow (27%)

Blue (44%)

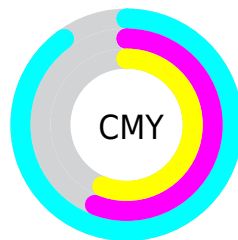


Cyan (77%)

Magenta (0%)

Yellow (0%)

Black (56%)



Cyan (90%)


Magenta (56%)


Yellow (56%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 25.282, 196.618 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, 25.282, 196.618 by changing the saturation by 10% instead.


 43, 25.282,
196.618


 43, 25.282,
196.618


 100, 25.282,
196.618


 33, 25.282,
196.618

 63, 25.282,
196.618


 23, 25.282,
196.618

 73, 25.282,
196.618

 13, 25.282,
196.618

 83, 25.282,
196.618

 3, 25.282, 196.618

 93, 25.282,
196.618

 0, 25.282, 196.618

 43, 25.282,

 43, 25.282,

196.618

■ 43, 26.469,
196.492

■ 43, 27.248,
196.411

■ 43, 27.452,
196.390

196.618

■ 43, 23.560,
196.799

■ 44, 21.299,
197.041

■ 44, 18.521,
197.343

■ 45, 15.268,
197.702

■ 45, 11.600,
198.116

■ 46, 7.579, 198.585

■ 47, 3.274, 199.140

■ 48, 1.254, 19.264

■ 49, 5.945, 20.043

Harmonies

Complementary

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



43, 25.282, 196.618



25, 44.276, 31.579

Rectangle

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



43, 25.282, 196.618



43, 25.282, 246.618



43, 25.282, 16.618



43, 25.282, 66.618

Sweetspot

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



43, 25.282, 196.617



58, 12.193, 198.282



41, 57.676, 137.754



30, 8.425, 198.152



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, 25.282, 196.617



55, 32.497, 196.430



29, 29.469, 272.828



23, 2.511, 199.032



45, 28.674, 196.390



89, 48.970, 196.390

Inverse Universe

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



28, 56.510, 327.861



35, 74.504, 328.165



34, 36.065, 65.976



22, 4.583, 324.886



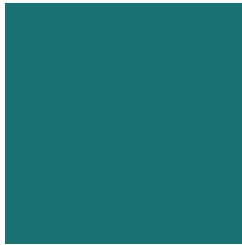
28, 66.123, 328.233



59, 112.928, 328.233

Previews

White Background



This preview shows how the CIE LCh color 43, 25.282, 196.618 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, 25.282, 196.618 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

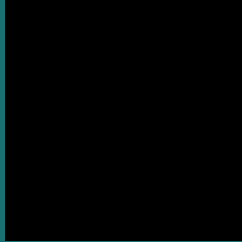
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 25.282, 196.618

Background



This preview shows how black text looks on a background with the CIELCh color 43, 25.282, 196.618.



This preview shows how white text looks on a background with the CIELCh color 43, 25.282, 196.618.

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, 25.282, 196.618

Protanopia

43, 3.137, 305.704

Deuteranopia

43, 10.469, 302.440



Tritanopia
43, 23.524, 210.427

Trichromacy



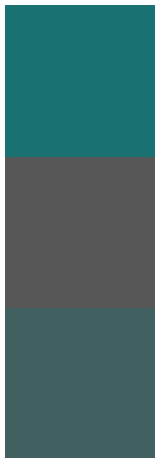
Original Color
43, 25.282, 196.618

Protanomaly
42, 11.682, 207.071

Deuteranomaly
42, 11.968, 232.340

Tritanomaly
43, 23.909, 205.637

Monochromacy



Original Color
43, 25.282, 196.618

Achromatopsia
37, 0.005, 296.813

Achromatomaly
38, 11.841, 197.924

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 25.282, 196.618 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(26, 113, 113)` looks like.

```
.text, #text, p{  
    color:rgb(26, 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(26, 113, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 113, 113) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 25.282, 196.618 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(26, 113, 113) }
```

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

```
.border{ border-color:rgb(26, 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(26, 113, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 113, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 113, 113);  
box-shadow:4px 4px 4px 4px rgb(26, 113,  
113) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 25.282, 196.618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 113, 113) }
```

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

```
.background{ background-color: rgb(26, 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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