

Converting Colors

CIELCh(43, 17.562, 273.846)

Have a look what the booklet for
CIELCh(43, 17.562, 273.846)
contains.

CIELCh(43, 17.562, 273.846)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(43, 17.562, 273.846)

Conversions

Conversions Part 1

Format	Color
Hex	566682
RGB	86, 102, 130
RGB Percent	34%, 40%, 51%
CMY	0.6618, 0.5991, 0.4892
CMYK	0.34, 0.22, 0.00, 0.49
HSL	218°, 20%, 42%
HSV	218°, 34%, 51%
XYZ	12.6807, 13.1578, 23.0785
YIQ	100.4080, -18.5240, 5.3160

Conversions

Conversions Part 2

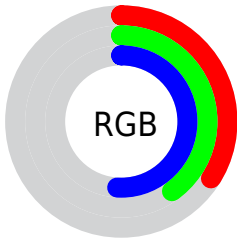
Format	Color
R_{YB}	86, 98, 130
Decimal	5662338
CIE _{Lab}	43.00, 1.18, -17.52
CIE _{LCh}	43, 17.562, 273.846
Yxy	13.1578, 0.2592, 0.2690
Android (android.graphics.Color)	4283852418 (0xFF566682)
YUV	100.4080, 14.5889, -12.6358
Hunter-Lab	36.2736, -1.0783, -12.3308

Details

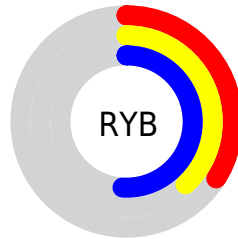
The CIELCh color $43, 17.562, 273.846$ is a dark color, and the websafe version is hex 336699 . A complement of this color would be $49, 17.915, 84.386$, and the grayscale version is $43, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 17.491, 273.667$, and $23, 18.037, 274.813$ is the 20% darker color. If you saturate the color by 10%, you get $40, 22.891, 275.967$, and if you desaturate by 10%, it is $46, 12.295, 272.025$.

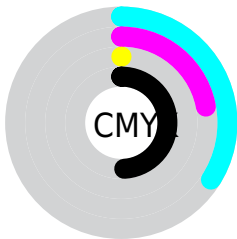
Distribution



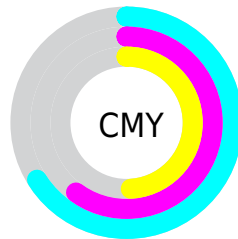
- Red (34%)
- Green (40%)
- Blue (51%)



- Red (34%)
- Yellow (38%)
- Blue (51%)



- Cyan (34%)
- Magenta (22%)
- Yellow (0%)
- Black (49%)



- Cyan (66%)
- Magenta (60%)
- Yellow (49%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 17.562, 273.846 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, 17.562, 273.846 by changing the saturation by 10% instead.

 43, 17.562,
273.846


 43, 17.562,
273.846


 100, 17.562,
273.846

 33, 17.562,
273.846

 63, 17.562,
273.846


 23, 17.562,
273.846

 73, 17.562,
273.846

 13, 17.562,
273.846


 83, 17.562,
273.846

 3, 17.562, 273.846

 93, 17.562,
273.846

 0, 17.562, 273.846

 43, 17.562,

 43, 17.562,

273.846

273.846

■ 40, 22.891,
275.967

■ 46, 12.295,
272.025

■ 36, 28.295,
278.428

■ 50, 7.088, 270.470

■ 33, 33.795,
281.254

■ 53, 1.941, 269.194

■ 57, 3.146, 87.867

■ 30, 39.418,
284.438

■ 60, 8.169, 86.890

■ 27, 45.187,
287.922

■ 63, 13.123, 86.011

■ 67, 18.008, 85.233

■ 24, 51.089,
291.571

■ 70, 22.821, 84.541

■ 23, 54.819,
293.657

■ 73, 27.560, 83.924

Harmonies

Complementary

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



43, 17.562, 273.846



49, 17.915, 84.386

Rectangle

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



43, 17.562, 273.846



43, 17.562, 323.846



43, 17.562, 93.846



43, 17.562, 143.846

Sweetspot

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



43, 17.561, 273.845



65, 6.328, 269.976



51, 19.332, 168.268



33, 4.299, 270.135



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



43, 17.561, 273.845



52, 26.398, 275.546



39, 27.136, 298.560



26, 2.935, 269.833



23, 54.749, 293.651



0, 0.700, 268.639

Inverse Universe

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



42, 20.791, 355.248



50, 31.237, 356.406



53, 25.117, 112.909



26, 3.409, 352.465



27, 51.653, 13.424



0, 0.804, 351.708

Previews

White Background



This preview shows how the CIELCh color 43, 17.562, 273.846 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, 17.562, 273.846 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

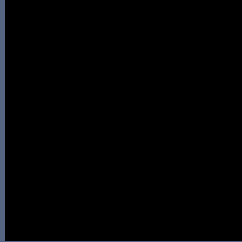
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

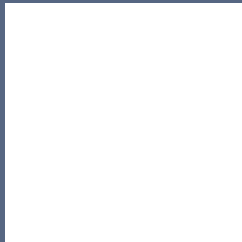
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 43, 17.562, 273.846

Background



This preview shows how black text looks on a background with the CIELCh color 43, 17.562, 273.846.

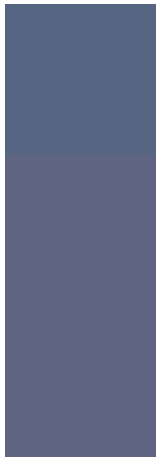


This preview shows how white text looks on a background with the CIELCh color 43, 17.562, 273.846.

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, 17.562, 273.846

Protanopia

43, 17.541, 285.565

Deuteranopia

43, 18.677, 288.400



Tritanopia
43, 10.007, 231.534

Trichromacy



Original Color
43, 17.562, 273.846

Protanomaly
43, 17.117, 280.473

Deuteranomaly
43, 18.231, 282.594

Tritanomaly
43, 11.881, 253.390

Monochromacy



Original Color
43, 17.562, 273.846

Achromatopsia
43, 0.006, 296.813

Achromatomaly
43, 6.868, 274.580

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 17.562, 273.846 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(86, 102, 130)` looks like.

```
.text, #text, p{  
    color:rgb(86, 102, 130)  
}
```

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(86, 102, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 102, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 17.562, 273.846 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(86, 102, 130) }
```

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

```
.border{ border-color:rgb(86, 102, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 102, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 102, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 102, 130);  
box-shadow:4px 4px 4px 4px rgb(86, 102,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 17.562, 273.846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 102, 130) }
```

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

```
.background{ background-color: rgb(86, 102,  
130) }
```

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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