

Converting Colors

CIELCh(43, 26.093, 320.539)

Have a look what the booklet for
CIELCh(43, 26.093, 320.539)
contains.

CIELCh(43, 25.773, 320.548)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(43, 25.773, 320.548)

Conversions

Conversions Part 1

Format	Color
Hex	7A5B81
RGB	122, 91, 129
RGB Percent	48%, 36%, 51%
CMY	0.5223, 0.6438, 0.4948
CMYK	0.05, 0.29, 0.00, 0.49
HSL	289°, 17%, 43%
HSV	289°, 29%, 51%
XYZ	15.6778, 13.1578, 22.4198
YIQ	104.6010, 6.2780, 18.3900

Conversions

Conversions Part 2

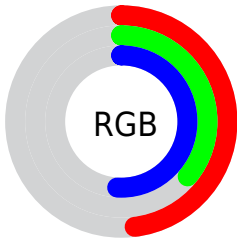
Format	Color
R_{YB}	122, 91, 129
Decimal	8018817
CIE _{Lab}	43.00, 19.90, -16.38
CIE _{LCh}	43, 25.773, 320.548
Yxy	13.1578, 0.3059, 0.2567
Android (android.graphics.Color)	4286208897 (0xFF7A5B81)
YUV	104.6010, 12.0287, 15.2589
Hunter-Lab	36.2736, 13.6703, -11.2541

Details

The CIELCh color $43, 25.773, 320.548$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $51, 25.471, 137.772$, and the grayscale version is $44, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 26.143, 320.685$, and $23, 25.703, 320.545$ is the 20% darker color. If you saturate the color by 10%, you get $40, 34.492, 320.961$, and if you desaturate by 10%, it is $47, 16.963, 320.113$.

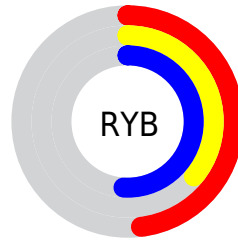
Distribution



Red (48%)

Green (36%)

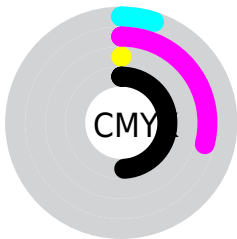
Blue (51%)



Red (48%)

Yellow (36%)

Blue (51%)

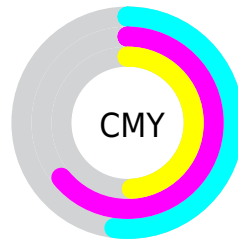


Cyan (5%)

Magenta (29%)

Yellow (0%)

Black (49%)



Cyan (52%)


Magenta (64%)


Yellow (49%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 25.773, 320.548 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, 25.773, 320.548 by changing the saturation by 10% instead.


 43, 25.773,
320.548


 43, 25.773,
320.548


 100, 25.773,
320.548


 33, 25.773,
320.548

 63, 25.773,
320.548


 23, 25.773,
320.548

 73, 25.773,
320.548

 13, 25.773,
320.548

 83, 25.773,
320.548

 3, 25.773, 320.548

 93, 25.773,
320.548

 0, 25.773, 320.548

 43, 25.773,

 43, 25.773,

320.548

40, 34.492,
320.961

36, 42.927,
321.330

33, 50.809,
321.628

31, 57.801,
321.819

29, 63.532,
321.867

27, 67.679,
321.733

26, 70.608,
321.469

26, 70.760,
321.457

320.548

47, 16.963,
320.113

50, 8.200, 319.669

54, 0.430, 139.619

58, 8.874, 138.867

62, 17.104,
138.469

66, 25.105,
138.101

70, 32.876,
137.761

73, 40.420,
137.447

77, 47.743,

Harmonies

Complementary

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



43, 25.773, 320.548



51, 25.471, 137.772

Rectangle

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



43, 25.773, 320.548



43, 25.773, 10.548



43, 25.773, 140.548



43, 25.773, 190.548

Sweetspot

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



43, 25.771, 320.548



65, 9.674, 319.656



42, 18.476, 284.359



33, 6.698, 319.712



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, 25.771, 320.548



53, 38.068, 320.813



43, 21.996, 336.324



25, 4.828, 319.650



25, 70.235, 321.463



0, 0.000, 0.000

Inverse Universe

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



43, 16.850, 7.547



53, 25.209, 8.460



50, 21.769, 152.020



25, 3.036, 5.190



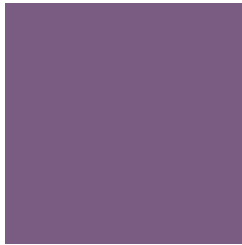
26, 55.255, 28.746



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 43, 25.773, 320.548 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, 25.773, 320.548 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

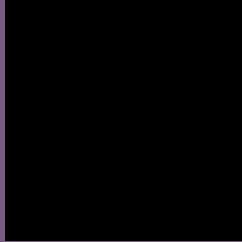
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 25.773, 320.548

Background



This preview shows how black text looks on a background with the CIELCh color 43, 25.773, 320.548.



This preview shows how white text looks on a background with the CIELCh color 43, 25.773, 320.548.

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, 25.773, 320.548

Protanopia

43, 21.169, 284.613

Deuteranopia

43, 16.250, 291.189



Tritanopia
43, 10.159, 356.462

Trichromacy



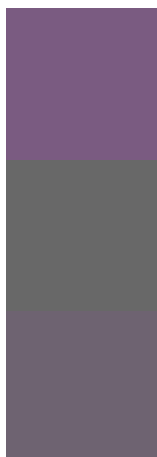
Original Color
43, 25.773, 320.548

Protanomaly
43, 21.872, 298.956

Deuteranomaly
43, 19.130, 304.100

Tritanomaly
43, 14.870, 334.854

Monochromacy



Original Color
43, 25.773, 320.548

Achromatopsia
44, 0.006, 296.813

Achromatomaly
43, 9.555, 318.882

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 25.773, 320.548 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(122, 91, 129)` looks like.

```
.text, #text, p{  
    color:rgb(122, 91, 129)  
}
```

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(122, 91, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 91, 129) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 25.773, 320.548 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(122, 91, 129) }
```

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

```
.border{ border-color:rgb(122, 91, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 91, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 91, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 91, 129);  
box-shadow:4px 4px 4px 4px rgb(122, 91,  
129) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 25.773, 320.548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 91, 129) }
```

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

```
.background{ background-color: rgb(122, 91,  
129) }
```

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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