

Converting Colors

CIELCh(32, 21.463, 208.552)

Have a look what the booklet for
CIELCh(32, 21.463, 208.552)
contains.

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Color

CIELCh(32, 21.478, 208.735)

Conversions

Conversions Part 1

Format	Color
Hex	01545B
RGB	1, 84, 91
RGB Percent	0%, 33%, 36%
CMY	0.9968, 0.6709, 0.6435
CMYK	0.99, 0.08, 0.00, 0.64
HSL	185°, 98%, 18%
HSV	185°, 99%, 36%
XYZ	5.0576, 7.0852, 10.9774
YIQ	59.9810, -51.7150, -15.4190

Conversions

Conversions Part 2

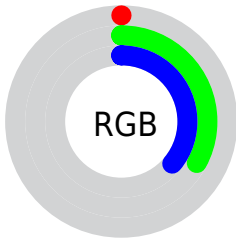
Format	Color
R_{YB}	1, 44, 91
Decimal	87131
CIE _{Lab}	32.00, -18.83, -10.33
CIE _{LCh}	32, 21.478, 208.735
Yxy	7.0852, 0.2188, 0.3064
Android (android.graphics.Color)	4278277211 (0xFF01545B)
YUV	59.9810, 15.2924, -51.7263
Hunter-Lab	26.6180, -12.6654, -5.8190

Details

The CIELCh color **32, 21.478, 208.735** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **17, 44.175, 36.710**, and the grayscale version is **25, 0.004, 296.813**.

A 20% lighter version of the original color is **52, 21.535, 208.385**, and **13, 13.043, 219.879** is the 20% darker color. If you saturate the color by 10%, you get **32, 21.539, 208.806**, and if you desaturate by 10%, it is **32, 20.813, 207.905**.

Distribution



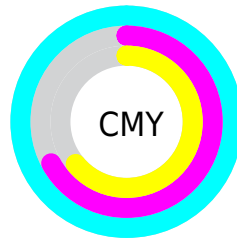
- Red (0%)
- Green (33%)
- Blue (36%)



- Red (0%)
- Yellow (17%)
- Blue (36%)



- Cyan (99%)
- Magenta (8%)
- Yellow (0%)
- Black (64%)





- Cyan (100%)
- Magenta (67%)
- Yellow (64%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 32, 21.478, 208.735 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 32, 21.478, 208.735 by changing the saturation by 10% instead.


 32, 21.478,
208.735


 32, 21.478,
208.735

 100, 21.478,
208.735


 22, 21.478,
208.735

 52, 21.478,
208.735


 12, 21.478,
208.735


 62, 21.478,
208.735

 2, 21.478, 208.735

 72, 21.478,
208.735

 0, 21.478, 208.735

 82, 21.478,
208.735

 92, 21.478,
208.735

■ 32, 21.478,
208.735

■ 32, 21.478,
208.735

■ 32, 21.539,
208.806

■ 32, 20.813,
207.905

■ 33, 19.959,
207.145

■ 33, 18.677,
206.585

■ 34, 16.967,
206.204

■ 34, 14.852,
205.979

■ 35, 12.368,
205.888

■ 36, 9.559, 205.912

■ 37, 6.476, 206.039

Harmonies

Complementary

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



32, 21.478, 208.735



17, 44.175, 36.710

Rectangle

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



32, 21.478, 208.735



32, 21.478, 258.735



32, 21.478, 28.735



32, 21.478, 78.735

Sweetspot

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



32, 21.478, 208.734



46, 12.081, 205.900



33, 54.510, 137.286



22, 8.082, 205.888



76, 0.009, 296.813



25, 0.004, 296.813

Same Dimension

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



32, 21.478, 208.734



41, 25.715, 209.232



17, 35.608, 286.438



18, 1.967, 206.285



39, 24.523, 209.127



80, 43.022, 210.046

Inverse Universe

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



20, 51.190, 331.309



26, 61.410, 331.446



26, 37.952, 68.729



17, 3.669, 327.043



24, 58.557, 331.420



55, 102.823, 331.645

Previews

White Background



This preview shows how the CIELCh color 32, 21.478, 208.735 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 ✓ Pass

Black Background



This preview shows how the CIELCh color 32, 21.478, 208.735 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

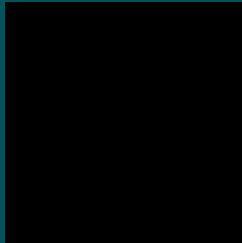
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 32, 21.478, 208.735

Background



This preview shows how black text looks on a background with the CIELCh color 32, 21.478, 208.735.



This preview shows how white text looks on a background with the CIELCh color 32, 21.478, 208.735.

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

32, 21.478, 208.735

Protanopia

32, 6.342, 287.576

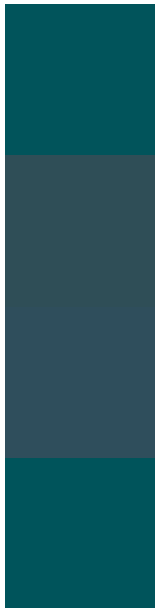
Deuteranopia

32, 12.048, 292.294



Tritanopia
32, 21.570, 208.672

Trichromacy



Original Color
32, 21.478, 208.735

Protanomaly
31, 12.475, 225.543

Deuteranomaly
31, 13.802, 238.699

Tritanomaly
32, 21.570, 208.672

Monochromacy



Original Color
32, 21.478, 208.735

Achromatopsia
25, 0.004, 296.813

Achromatomaly
27, 11.873, 203.944

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 32, 21.478, 208.735 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(1, 84, 91)` looks like.

```
.text, #text, p{  
    color:rgb(1, 84, 91)  
}
```

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(1, 84, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 84, 91) }
```

Border

The CSS property to change the border of an element to CIELCh 32, 21.478, 208.735 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(1, 84, 91) }
```

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

```
.border{ border-color:rgb(1, 84, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 84, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 84, 91); -webkit-box-shadow:4px  
4px 4px 4px rgb(1, 84, 91); box-shadow:4px  
4px 4px 4px rgb(1, 84, 91) }
```

Background

The CSS property to change the background color of an element to CIELCh 32, 21.478, 208.735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 84, 91) }
```

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

```
.background{ background-color: rgb(1, 84,  
91) }
```

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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