

Converting Colors

CIELCh(32, 21.096, 227.191)

Have a look what the booklet for
CIELCh(32, 21.096, 227.191)
contains.

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Color

CIELCh(32, 21.081, 226.242)

Conversions

Conversions Part 1

Format	Color
Hex	085363
RGB	8, 83, 99
RGB Percent	3%, 33%, 39%
CMY	0.9675, 0.6758, 0.6131
CMYK	0.92, 0.16, 0.00, 0.61
HSL	191°, 85%, 21%
HSV	191°, 92%, 39%
XYZ	5.4085, 7.0852, 12.8040
YIQ	62.3990, -49.8360, -10.9240

Conversions

Conversions Part 2

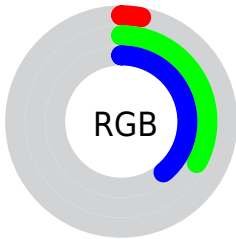
Format	Color
R_{YB}	8, 49, 99
Decimal	545635
CIE _{Lab}	32.00, -14.58, -15.23
CIE _{LCh}	32, 21.081, 226.242
Yxy	7.0852, 0.2138, 0.2801
Android (android.graphics.Color)	4278735715 (0xFF085363)
YUV	62.3990, 18.0443, -47.7079
Hunter-Lab	26.6180, -10.3119, -9.8876

Details

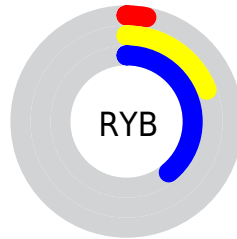
The CIELCh color **32, 21.081, 226.242** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **21, 43.133, 40.915**, and the grayscale version is **26, 0.004, 296.813**.

A 20% lighter version of the original color is **52, 21.236, 225.702**, and **13, 14.555, 241.646** is the 20% darker color. If you saturate the color by 10%, you get **31, 21.707, 228.278**, and if you desaturate by 10%, it is **33, 20.245, 223.878**.

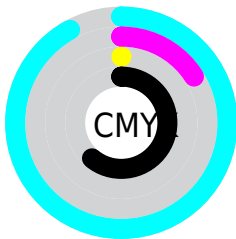
Distribution



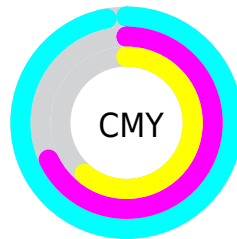
- Red (3%)
- Green (33%)
- Blue (39%)



- Red (3%)
- Yellow (19%)
- Blue (39%)



- Cyan (92%)
- Magenta (16%)
- Yellow (0%)
- Black (61%)





- Cyan (97%)
- Magenta (68%)
- Yellow (61%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 32, 21.081, 226.242 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, 21.081, 226.242 by changing the saturation by 10% instead.


 32, 21.081,
226.242


 32, 21.081,
226.242

 100, 21.081,
226.242


 22, 21.081,
226.242

 52, 21.081,
226.242


 12, 21.081,
226.242


 62, 21.081,
226.242

 2, 21.081, 226.242

 72, 21.081,
226.242

 0, 21.081, 226.242

 82, 21.081,
226.242

 92, 21.081,
226.242

■ 32, 21.081,
226.242

■ 32, 21.081,
226.242

■ 31, 21.707,
228.278

■ 33, 20.245,
223.878

■ 34, 19.018,
221.972

■ 35, 17.381,
220.473

■ 36, 15.345,
219.319

■ 37, 12.942,
218.451

■ 38, 10.216,
217.818

■ 39, 7.213, 217.380

■ 40, 3.980, 217.116

Harmonies

Complementary

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



32, 21.081, 226.242



21, 43.133, 40.915

Rectangle

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



32, 21.081, 226.242



32, 21.081, 276.242



32, 21.081, 46.242



32, 21.081, 96.242

Sweetspot

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



32, 21.080, 226.242



49, 10.917, 217.629



36, 52.947, 139.835



24, 7.239, 217.733



77, 0.009, 296.813



27, 0.004, 296.813

Same Dimension

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



32, 21.080, 226.242



41, 26.056, 229.331



17, 41.518, 291.759



19, 1.908, 217.080



36, 23.772, 228.832



74, 41.624, 231.156

Inverse Universe

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



22, 48.908, 335.575



28, 60.479, 336.470



31, 38.345, 78.731



18, 3.583, 330.207



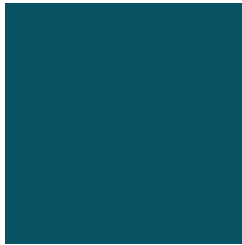
24, 55.285, 336.339



55, 95.870, 336.953

Previews

White Background



This preview shows how the CIE LCh color 32, 21.081, 226.242 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, 21.081, 226.242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

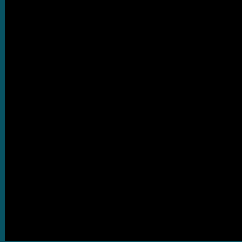
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

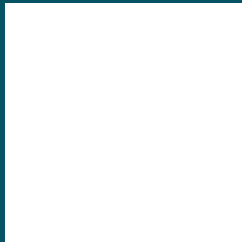
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 32, 21.081, 226.242

Background



This preview shows how black text looks on a background with the CIELCh color 32, 21.081, 226.242.



This preview shows how white text looks on a background with the CIELCh color 32, 21.081, 226.242.

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, 21.157, 226.119

Protanopia

32, 11.466, 284.336

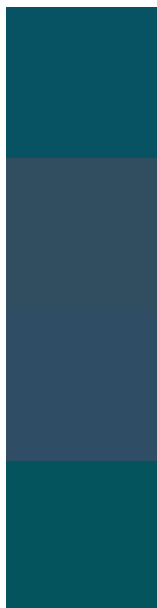
Deuteranopia

32, 17.156, 286.961



Tritanopia
32, 21.626, 206.870

Trichromacy



Original Color
32, 21.157, 226.119

Protanomaly
32, 14.673, 246.173

Deuteranomaly
31, 17.305, 256.874

Tritanomaly
32, 21.248, 212.527

Monochromacy



Original Color
32, 21.157, 226.119

Achromatopsia
26, 0.004, 296.813

Achromatomaly
28, 11.031, 215.098

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 32, 21.081, 226.242 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(8, 83, 99)` looks like.

```
.text, #text, p{  
    color:rgb(8, 83, 99)  
}
```

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(8, 83, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 83, 99) }
```

Border

The CSS property to change the border of an element to CIELCh 32, 21.081, 226.242 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(8, 83, 99) }
```

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

```
.border{ border-color:rgb(8, 83, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(8, 83, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 83, 99); -webkit-box-shadow:4px  
4px 4px 4px rgb(8, 83, 99); box-shadow:4px  
4px 4px 4px rgb(8, 83, 99) }
```

Background

The CSS property to change the background color of an element to CIELCh 32, 21.081, 226.242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 83, 99) }
```

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

```
.background{ background-color: rgb(8, 83,  
99) }
```

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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