

Converting Colors

CIELCh(32, 21.841, 275.959)

Have a look what the booklet for
CIELCh(32, 21.841, 275.959)
contains.

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Color

CIELCh(32, 21.608, 275.751)

Conversions

Conversions Part 1

Format	Color
Hex	384C6D
RGB	56, 76, 109
RGB Percent	22%, 30%, 43%
CMY	0.7810, 0.7025, 0.5732
CMYK	0.49, 0.30, 0.00, 0.57
HSL	217°, 32%, 32%
HSV	217°, 49%, 43%
XYZ	6.9479, 7.0852, 15.4240
YIQ	73.7820, -22.5130, 6.0230

Conversions

Conversions Part 2

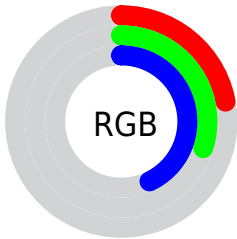
Format	Color
R_{YB}	56, 71, 109
Decimal	3689581
CIE _{Lab}	32.00, 2.17, -21.50
CIE _{LCh}	32, 21.608, 275.751
Yxy	7.0852, 0.2359, 0.2405
Android (android.graphics.Color)	4281879661 (0xFF384C6D)
YUV	73.7820, 17.3625, -15.5948
Hunter-Lab	26.6180, 0.0110, -15.7235

Details

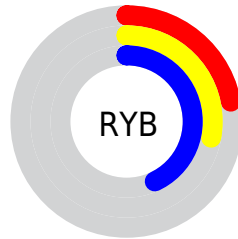
The CIELCh color **32, 21.608, 275.751** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **39, 22.384, 81.286**, and the grayscale version is **31, 0.005, 296.813**.

A 20% lighter version of the original color is **52, 21.607, 275.509**, and **12, 21.691, 276.455** is the 20% darker color. If you saturate the color by 10%, you get **29, 26.182, 278.327**, and if you desaturate by 10%, it is **35, 17.089, 273.520**.

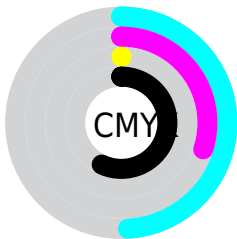
Distribution



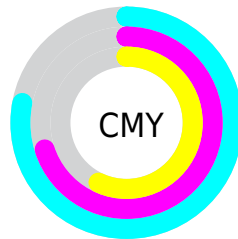
- Red (22%)
- Green (30%)
- Blue (43%)



- Red (22%)
- Yellow (28%)
- Blue (43%)



- Cyan (49%)
- Magenta (30%)
- Yellow (0%)
- Black (57%)



- Cyan (78%)
- Magenta (70%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 32, 21.608, 275.751 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, 21.608, 275.751 by changing the saturation by 10% instead.

■ 32, 21.608,
275.751

■ 32, 21.608,
275.751

■ 100, 21.608,
275.751

■ 22, 21.608,
275.751

■ 52, 21.608,
275.751

■ 12, 21.608,
275.751

■ 62, 21.608,
275.751

■ 2, 21.608, 275.751

■ 72, 21.608,
275.751

■ 0, 21.608, 275.751

■ 82, 21.608,
275.751

■ 92, 21.608,
275.751

■ 32, 21.608,
275.751

■ 32, 21.608,
275.751

■ 29, 26.182,
278.327

■ 35, 17.089,
273.520

■ 27, 30.832,
281.264

■ 38, 12.616,
271.600

■ 24, 35.583,
284.541

■ 41, 8.183, 269.953

■ 21, 40.453,
288.087

■ 43, 3.789, 268.553

■ 46, 0.562, 86.962

■ 19, 45.457,
291.534

■ 49, 4.867, 86.167

■ 19, 46.123,
291.940

■ 52, 9.123, 85.247

■ 55, 13.327, 84.430

■ 58, 17.476, 83.704

Harmonies

Complementary

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



32, 21.608, 275.751



39, 22.384, 81.286

Rectangle

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



32, 21.608, 275.751



32, 21.608, 325.751



32, 21.608, 95.751



32, 21.608, 145.751

Sweetspot

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



32, 21.607, 275.751



53, 8.074, 269.464



42, 23.753, 165.539



27, 5.555, 269.697



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

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



32, 21.607, 275.751



38, 31.871, 278.557



27, 34.633, 299.865



21, 2.418, 268.585



20, 49.080, 292.290



45, 89.807, 294.635

Inverse Universe

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



31, 26.092, 356.379



37, 37.889, 358.352



44, 30.728, 111.175



21, 2.872, 351.529



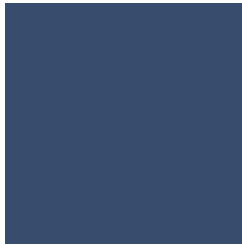
24, 47.769, 11.495



52, 82.863, 14.895

Previews

White Background



This preview shows how the CIE LCh color 32, 21.608, 275.751 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 CIE LCh color 32, 21.608, 275.751 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, 21.608, 275.751

Background



This preview shows how black text looks on a background with the CIELCh color 32, 21.608, 275.751.



This preview shows how white text looks on a background with the CIELCh color 32, 21.608, 275.751.

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, 21.608, 275.751

Protanopia

32, 21.028, 285.139

Deuteranopia

32, 21.840, 281.228



Tritanopia
32, 12.133, 219.554

Trichromacy



Original Color
32, 21.608, 275.751

Protanomaly
32, 21.177, 281.533

Deuteranomaly
32, 21.960, 279.616

Tritanomaly
32, 14.087, 248.913

Monochromacy



Original Color
32, 21.608, 275.751

Achromatopsia
31, 0.005, 296.813

Achromatomaly
32, 8.171, 268.537

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 32, 21.608, 275.751 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(56, 76, 109)` looks like.

```
.text, #text, p{  
    color:rgb(56, 76, 109)  
}
```

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(56, 76, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 76, 109) }
```

Border

The CSS property to change the border of an element to CIELCh 32, 21.608, 275.751 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(56, 76, 109) }
```

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

```
.border{ border-color:rgb(56, 76, 109) }
```

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

Here you see how a box with a 4 pixel rgb(56, 76, 109) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 76, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 76, 109);  
box-shadow:4px 4px 4px 4px rgb(56, 76,  
109) }
```

Background

The CSS property to change the background color of an element to CIELCh 32, 21.608, 275.751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 76, 109) }
```

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

```
.background{ background-color: rgb(56, 76,  
109) }
```

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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