

Converting Colors

CIELCh(32, 32.268, 268.861)

Have a look what the booklet for
CIELCh(32, 32.268, 268.861)
contains.

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Color

CIELCh(32, 32.504, 269.351)

Conversions

Conversions Part 1

Format	Color
Hex	0E4E7E
RGB	14, 78, 126
RGB Percent	5%, 31%, 49%
CMY	0.9467, 0.6932, 0.5049
CMYK	0.89, 0.38, 0.00, 0.50
HSL	206°, 81%, 27%
HSV	206°, 89%, 50%
XYZ	6.6983, 7.0852, 20.8407
YIQ	64.3360, -53.5520, 1.3600

Conversions

Conversions Part 2

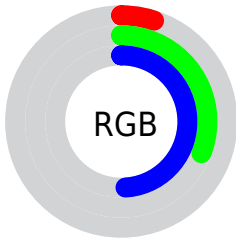
Format	Color
R_{YB}	14, 55, 126
Decimal	937598
CIE _{Lab}	32.00, -0.37, -32.50
CIE _{LCh}	32, 32.504, 269.351
Yxy	7.0852, 0.1935, 0.2046
Android (android.graphics.Color)	4279127678 (0xFF0E4E7E)
YUV	64.3360, 30.4004, -44.1447
Hunter-Lab	26.6180, -1.6623, -27.7889

Details

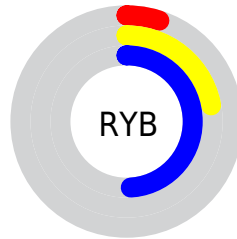
The CIELCh color **32, 32.504, 269.351** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **34, 46.423, 57.626**, and the grayscale version is **27, 0.004, 296.813**.

A 20% lighter version of the original color is **52, 32.334, 269.030**, and **14, 30.201, 284.262** is the 20% darker color. If you saturate the color by 10%, you get **30, 35.663, 273.761**, and if you desaturate by 10%, it is **34, 29.399, 265.069**.

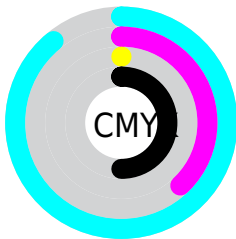
Distribution



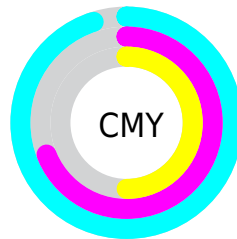
- Red (5%)
- Green (31%)
- Blue (49%)



- Red (5%)
- Yellow (22%)
- Blue (49%)



- Cyan (89%)
- Magenta (38%)
- Yellow (0%)
- Black (50%)





- Cyan (95%)
- Magenta (69%)
- Yellow (50%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 32, 32.504, 269.351 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, 32.504, 269.351 by changing the saturation by 10% instead.


 32, 32.504,
269.351


 32, 32.504,
269.351

 100, 32.504,
269.351


 22, 32.504,
269.351

 52, 32.504,
269.351


 12, 32.504,
269.351


 62, 32.504,
269.351

 2, 32.504, 269.351

 72, 32.504,
269.351

 0, 32.504, 269.351

 82, 32.504,
269.351

 92, 32.504,
269.351

■ 32, 32.504,
269.351

■ 32, 32.504,
269.351

■ 30, 35.663,
273.761

■ 34, 29.399,
265.069

■ 30, 35.916,
274.076

■ 36, 26.216,
261.280

■ 38, 22.895,
258.019

■ 41, 19.405,
255.262

■ 43, 15.740,
252.956

■ 46, 11.912,
251.039

■ 48, 7.943, 249.451

■ 51, 3.857, 248.156

Harmonies

Complementary

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



32, 32.504, 269.351



34, 46.423, 57.626

Rectangle

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



32, 32.504, 269.351



32, 32.504, 319.351



32, 32.504, 89.351



32, 32.504, 139.351

Sweetspot

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



32, 32.503, 269.352



59, 13.605, 250.763



46, 52.334, 148.199



29, 9.085, 251.234



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



32, 32.503, 269.352



39, 44.153, 275.321



17, 68.561, 302.888



26, 2.374, 248.142



30, 36.199, 274.129



0, 0.000, 0.000

Inverse Universe

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



28, 50.066, 351.188



35, 62.006, 354.848



48, 51.818, 98.161



25, 3.780, 340.514



27, 51.983, 354.041



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIE LCh color 32, 32.504, 269.351 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, 32.504, 269.351 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, 32.504, 269.351

Background



This preview shows how black text looks on a background with the CIELCh color 32, 32.504, 269.351.



This preview shows how white text looks on a background with the CIELCh color 32, 32.504, 269.351.

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, 32.474, 269.492

Protanopia

32, 30.570, 284.928

Deuteranopia

32, 33.082, 278.187



Tritanopia
32, 21.626, 206.870

Trichromacy



Original Color
32, 32.474, 269.492

Protanomaly
32, 31.258, 277.249

Deuteranomaly
32, 32.927, 274.505

Tritanomaly
32, 22.164, 234.747

Monochromacy



Original Color
32, 32.474, 269.492

Achromatopsia
27, 0.004, 296.813

Achromatomaly
28, 13.940, 255.877

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 32, 32.504, 269.351 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(14, 78, 126)` looks like.

```
.text, #text, p{  
    color:rgb(14, 78, 126)  
}
```

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(14, 78, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 78, 126) }
```

Border

The CSS property to change the border of an element to CIELCh 32, 32.504, 269.351 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(14, 78, 126) }
```

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

```
.border{ border-color:rgb(14, 78, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(14, 78, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 78, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 78, 126);  
box-shadow:4px 4px 4px 4px rgb(14, 78,  
126) }
```

Background

The CSS property to change the background color of an element to CIELCh 32, 32.504, 269.351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 78, 126) }
```

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

```
.background{ background-color: rgb(14, 78,  
126) }
```

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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