

Converting Colors

CIELCh(32, 26.510, 268.152)

Have a look what the booklet for
CIELCh(32, 26.510, 268.152)
contains.

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Color

CIELCh(32, 26.557, 268.337)

Conversions

Conversions Part 1

Format	Color
Hex	254E75
RGB	37, 78, 117
RGB Percent	15%, 31%, 46%
CMY	0.8560, 0.6950, 0.5421
CMYK	0.69, 0.33, 0.00, 0.54
HSL	209°, 52%, 30%
HSV	209°, 69%, 46%
XYZ	6.6593, 7.0852, 17.7739
YIQ	70.1870, -36.9550, 3.4370

Conversions

Conversions Part 2

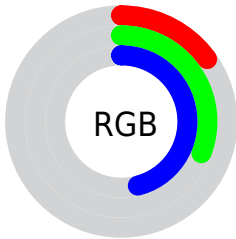
Format	Color
RYB	37, 64, 117
Decimal	2444917
CIELab	32.00, -0.77, -26.55
CIELCh	32, 26.557, 268.337
Yxy	7.0852, 0.2113, 0.2248
Android (android.graphics.Color)	4280634997 (0xFF254E75)
YUV	70.1870, 23.0788, -29.1050
Hunter-Lab	26.6180, -1.9245, -20.9578

Details

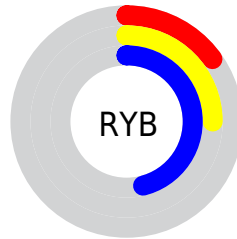
The CIELCh color **32, 26.557, 268.337** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **36, 32.603, 65.913**, and the grayscale version is **30, 0.005, 296.813**.

A 20% lighter version of the original color is **52, 26.307, 267.796**, and **13, 25.021, 278.233** is the 20% darker color. If you saturate the color by 10%, you get **30, 30.151, 271.988**, and if you desaturate by 10%, it is **34, 22.915, 265.148**.

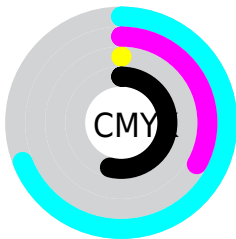
Distribution



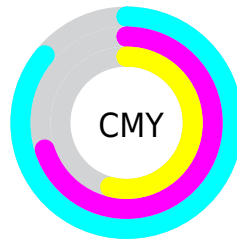
- Red (15%)
- Green (31%)
- Blue (46%)



- Red (15%)
- Yellow (25%)
- Blue (46%)



- Cyan (69%)
- Magenta (33%)
- Yellow (0%)
- Black (54%)





- Cyan (86%)
- Magenta (70%)
- Yellow (54%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 32, 26.557, 268.337 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, 26.557, 268.337 by changing the saturation by 10% instead.


 32, 26.557,
268.337


 32, 26.557,
268.337

 100, 26.557,
268.337


 22, 26.557,
268.337

 52, 26.557,
268.337


 12, 26.557,
268.337


 62, 26.557,
268.337

 2, 26.557, 268.337

 72, 26.557,
268.337

 0, 26.557, 268.337

 82, 26.557,
268.337

 92, 26.557,
268.337

■ 32, 26.557,
268.337

■ 32, 26.557,
268.337

■ 30, 30.151,
271.988

■ 34, 22.915,
265.148

■ 28, 33.749,
276.052

■ 37, 19.195,
262.411

■ 26, 37.447,
280.175

■ 39, 15.385,
260.088

■ 25, 38.003,
280.724

■ 42, 11.489,
258.126

■ 44, 7.517, 256.476

■ 47, 3.485, 255.108

■ 50, 0.591, 73.405

■ 52, 4.695, 72.758

■ 55, 8.814, 71.901

Harmonies

Complementary

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



32, 26.557, 268.337



36, 32.603, 65.913

Rectangle

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



32, 26.557, 268.337



32, 26.557, 318.337



32, 26.557, 88.337



32, 26.557, 138.337

Sweetspot

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



32, 26.556, 268.338



56, 10.601, 256.941



44, 37.986, 155.175



28, 7.122, 257.285



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



32, 26.556, 268.338



38, 39.108, 274.216



20, 52.526, 300.253



23, 2.304, 255.168



27, 39.494, 280.978



54, 70.579, 283.691

Inverse Universe

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



28, 39.607, 350.821



35, 54.698, 354.296



47, 43.092, 103.425



23, 3.380, 343.617



25, 49.531, 359.192



54, 83.513, 1.636

Previews

White Background



This preview shows how the CIELCh color 32, 26.557, 268.337 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, 26.557, 268.337 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

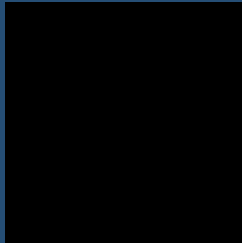
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 32, 26.557, 268.337

Background



This preview shows how black text looks on a background with the CIELCh color 32, 26.557, 268.337.



This preview shows how white text looks on a background with the CIELCh color 32, 26.557, 268.337.

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, 26.557, 268.337

Protanopia

32, 24.884, 284.409

Deuteranopia

32, 27.094, 280.057



Tritanopia
32, 19.698, 210.064

Trichromacy



Original Color
32, 26.557, 268.337

Protanomaly
32, 25.379, 277.788

Deuteranomaly
32, 26.886, 275.618

Tritanomaly
32, 19.851, 235.401

Monochromacy



Original Color
32, 26.557, 268.337

Achromatopsia
30, 0.005, 296.813

Achromatomaly
30, 10.453, 258.306

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 32, 26.557, 268.337 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(37, 78, 117)` looks like.

```
.text, #text, p{  
    color:rgb(37, 78, 117)  
}
```

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(37, 78, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 78, 117) }
```

Border

The CSS property to change the border of an element to CIELCh 32, 26.557, 268.337 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(37, 78, 117) }
```

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

```
.border{ border-color:rgb(37, 78, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 78, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 78, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 78, 117);  
box-shadow:4px 4px 4px 4px rgb(37, 78,  
117) }
```

Background

The CSS property to change the background color of an element to CIELCh 32, 26.557, 268.337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 78, 117) }
```

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

```
.background{ background-color: rgb(37, 78,  
117) }
```

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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