

Converting Colors

CIELCh(32, 3.355, 236.676)

Have a look what the booklet for
CIELCh(32, 3.355, 236.676) contains.

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Color

CIELCh(32, 3.528, 245.244)

Conversions

Conversions Part 1

Format	Color
Hex	464C50
RGB	70, 76, 80
RGB Percent	27%, 30%, 31%
CMY	0.7248, 0.7012, 0.6855
CMYK	0.12, 0.05, 0.00, 0.69
HSL	204°, 7%, 29%
HSV	204°, 12%, 31%
XYZ	6.5910, 7.0852, 8.6456
YIQ	74.6620, -4.8600, -0.0280

Conversions

Conversions Part 2

Format	Color
R_YB	70, 74, 80
Decimal	4607056
CIE Lab	32.00, -1.48, -3.20
CIE LCh	32, 3.528, 245.244
Yxy	7.0852, 0.2953, 0.3174
Android (android.graphics.Color)	4282797136 (0xFF464C50)
YUV	74.6620, 2.6316, -4.0886
Hunter-Lab	26.6180, -2.3822, -0.6250

Details

The CIELCh color **32, 3.528, 245.244** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **32, 3.693, 62.674**, and the grayscale version is **32, 0.005, 296.813**.

A 20% lighter version of the original color is **52, 3.541, 240.353**, and **12, 3.659, 251.766** is the 20% darker color. If you saturate the color by 10%, you get **30, 6.270, 246.453**, and if you desaturate by 10%, it is **34, 0.710, 244.437**.

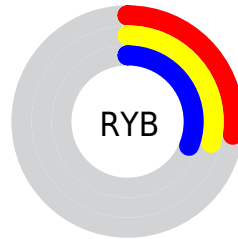
Distribution



 Red (27%)

 Green (30%)

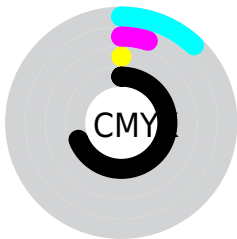
 Blue (31%)



 Red (27%)

 Yellow (29%)

 Blue (31%)

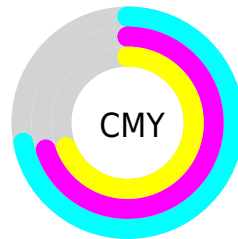


 Cyan (12%)

 Magenta (5%)

 Yellow (0%)

 Black (69%)



 Cyan (72%)

 Magenta (70%)

 Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 32, 3.528, 245.244 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, 3.528, 245.244 by changing the saturation by 10% instead.

■ 32, 3.528, 245.244

■ 32, 3.528, 245.244

■ 100, 3.528,
245.244

■ 22, 3.528, 245.244

■ 52, 3.528, 245.244

■ 12, 3.528, 245.244

■ 62, 3.528, 245.244

■ 2, 3.528, 245.244

■ 72, 3.528, 245.244

■ 0, 3.528, 245.244

■ 82, 3.528, 245.244

■ 92, 3.528, 245.244

■ 32, 3.528, 245.244

■ 32, 3.528, 245.244

■ 30, 6.270, 246.453

■ 34, 0.710, 244.437

■ 29, 8.919, 247.939

■ 35, 2.167, 63.121

■ 27, 11.457,
249.728

■ 37, 5.087, 62.432

■ 26, 13.868,
251.871

■ 39, 8.037, 61.809

■ 41, 11.008, 61.267

■ 24, 16.143,
254.427

■ 42, 13.989, 60.798

■ 23, 18.281,
257.446

■ 44, 16.973, 60.388

■ 46, 19.953, 60.029

■ 21, 20.300,
260.959

■ 48, 22.926, 59.712

■ 20, 22.258,
264.817

■ 19, 23.802,
267.407

Harmonies

Complementary

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



32, 3.528, 245.244



32, 3.693, 62.674

Rectangle

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



32, 3.528, 245.244



32, 3.528, 295.244



32, 3.528, 65.244



32, 3.528, 115.244

Sweetspot

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



32, 3.528, 245.229



43, 1.424, 244.470



33, 5.846, 157.030



22, 1.020, 244.500



74, 0.009, 296.813



22, 0.004, 296.813

Same Dimension

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



32, 3.528, 245.229



41, 5.261, 245.577



31, 5.658, 286.280



16, 1.611, 244.843



25, 29.357, 269.395



56, 55.503, 273.131

Inverse Universe

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



31, 5.828, 339.456



40, 8.748, 339.686



33, 5.549, 103.776



15, 2.641, 339.176



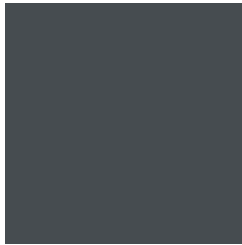
21, 45.816, 351.142



51, 81.172, 353.392

Previews

White Background



This preview shows how the CIELCh color 32, 3.528, 245.244 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, 3.528, 245.244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

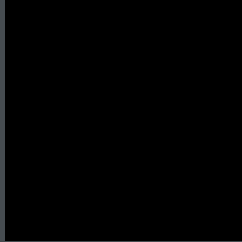
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

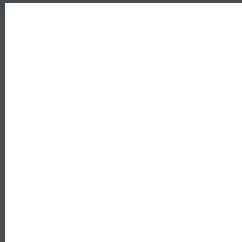
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 32, 3.528, 245.244

Background



This preview shows how black text looks on a background with the CIELCh color 32, 3.528, 245.244.



This preview shows how white text looks on a background with the CIELCh color 32, 3.528, 245.244.

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, 3.528, 245.244

Protanopia

32, 2.537, 290.643

Deuteranopia

32, 5.922, 321.408



Tritanopia
32, 4.492, 257.252

Trichromacy



Original Color

32, 3.528, 245.244

Protanomaly

32, 2.662, 272.050

Deuteranomaly

32, 4.537, 301.732

Tritanomaly

32, 3.989, 251.958

Monochromacy



Original Color

32, 3.528, 245.244

Achromatopsia

32, 0.005, 296.813

Achromatomaly

32, 1.521, 256.124

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 32, 3.528, 245.244 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(70, 76, 80)` looks like.

```
.text, #text, p{  
    color:rgb(70, 76, 80)  
}
```

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(70, 76, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 76, 80) }
```

Border

The CSS property to change the border of an element to CIELCh 32, 3.528, 245.244 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(70, 76, 80) }
```

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

```
.border{ border-color:rgb(70, 76, 80) }
```

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

Here you see how a box with a 4 pixel rgb(70, 76, 80) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 76, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 76, 80);  
box-shadow:4px 4px 4px 4px rgb(70, 76, 80)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 32, 3.528, 245.244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 76, 80) }
```

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

```
.background{ background-color: rgb(70, 76,  
80) }
```

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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