

Converting Colors

CIELCh(21, 11.344, 262.217)

Have a look what the booklet for
CIELCh(21, 11.344, 262.217)
contains.

CIELCh(21, 11.417, 262.192)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(21, 11.417, 262.192)

Conversions

Conversions Part 1

Format	Color
Hex	253443
RGB	37, 52, 67
RGB Percent	15%, 20%, 26%
CMY	0.8552, 0.7964, 0.7376
CMYK	0.45, 0.22, 0.00, 0.74
HSL	210°, 29%, 20%
HSV	210°, 45%, 26%
XYZ	2.9953, 3.2451, 5.7659
YIQ	49.2250, -13.7550, 1.4850

Conversions

Conversions Part 2

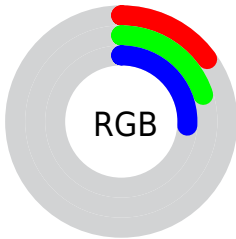
Format	Color
R_{YB}	37, 47, 67
Decimal	2438211
CIE _{Lab}	21.00, -1.55, -11.31
CIE _{LCh}	21, 11.417, 262.192
Yxy	3.2451, 0.2495, 0.2703
Android (android.graphics.Color)	4280628291 (0xFF253443)
YUV	49.2250, 8.7631, -10.7213
Hunter-Lab	18.0142, -1.8452, -6.3671

Details

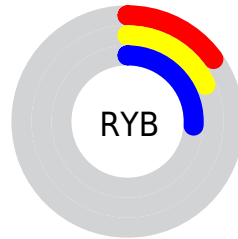
The CIELCh color **21, 11.417, 262.192** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **23, 12.779, 70.482**, and the grayscale version is **20, 0.004, 296.813**.

A 20% lighter version of the original color is **41, 11.560, 262.804**, and **2, 10.606, 281.154** is the 20% darker color. If you saturate the color by 10%, you get **19, 13.859, 264.441**, and if you desaturate by 10%, it is **23, 8.930, 260.261**.

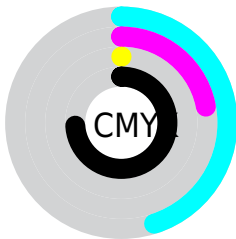
Distribution



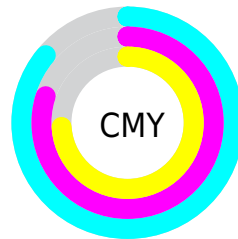
- Red (15%)
- Green (20%)
- Blue (26%)



- Red (15%)
- Yellow (18%)
- Blue (26%)



- Cyan (45%)
- Magenta (22%)
- Yellow (0%)
- Black (74%)



- Cyan (86%)
- Magenta (80%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 21, 11.417, 262.192 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 21, 11.417, 262.192 by changing the saturation by 10% instead.

■ 21, 11.417,
262.192

■ 21, 11.417,
262.192

■ 100, 11.417,
262.192

■ 11, 11.417,
262.192

■ 41, 11.417,
262.192

■ 1, 11.417, 262.192

■ 51, 11.417,
262.192

■ 0, 11.417, 262.192

■ 61, 11.417,
262.192

■ 71, 11.417,
262.192

■ 81, 11.417,
262.192

■ 91, 11.417,

262.192

■ 21, 11.417,
262.192

■ 21, 11.417,
262.192

■ 19, 13.859,
264.441

■ 23, 8.930, 260.261

■ 24, 6.403, 258.610

■ 18, 16.260,
267.049

■ 26, 3.843, 257.205

■ 16, 18.626,
270.041

■ 28, 1.258, 256.071

■ 29, 1.345, 74.752

■ 15, 20.976,
273.418

■ 31, 3.957, 73.915

■ 13, 23.391,
276.647

■ 33, 6.572, 73.128

■ 13, 24.691,
278.078

■ 34, 9.184, 72.429

Harmonies

Complementary

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



21, 11.417, 262.192



23, 12.779, 70.482

Rectangle

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



21, 11.417, 262.192



21, 11.417, 312.192



21, 11.417, 82.192



21, 11.417, 132.192

Sweetspot

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



21, 11.417, 262.191



34, 4.181, 257.041



26, 16.518, 158.906



16, 2.878, 257.179



70, 0.009, 296.813



18, 0.003, 296.813

Same Dimension

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



21, 11.417, 262.191



26, 16.911, 264.783



16, 20.635, 294.850



12, 1.435, 256.442



20, 33.449, 280.946



48, 66.391, 284.676

Inverse Universe

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



19, 17.076, 347.566



23, 25.274, 348.950



27, 18.694, 105.650



12, 2.062, 344.208



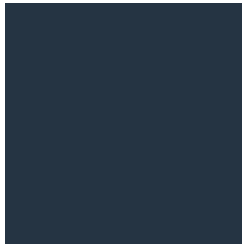
19, 41.977, 359.165



48, 76.873, 2.592

Previews

White Background



This preview shows how the CIE LCh color 21, 11.417, 262.192 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 21, 11.417, 262.192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

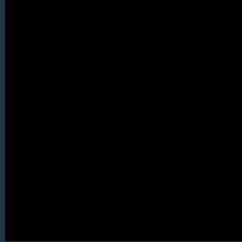
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

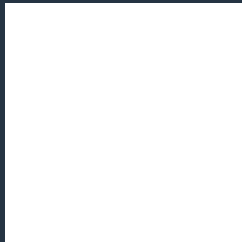
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 21, 11.417, 262.192

Background



This preview shows how black text looks on a background with the CIELCh color 21, 11.417, 262.192.



This preview shows how white text looks on a background with the CIELCh color 21, 11.417, 262.192.

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

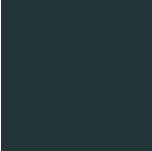
21, 11.417, 262.192

Protanopia

21, 10.230, 283.288

Deuteranopia

21, 11.557, 284.775



Tritanopia
21, 8.442, 216.844

Trichromacy



Original Color
21, 11.417, 262.192

Protanomaly
21, 10.514, 274.746

Deuteranomaly
21, 11.149, 276.070

Tritanomaly
21, 8.785, 236.668

Monochromacy



Original Color
21, 11.417, 262.192

Achromatopsia
20, 0.004, 296.813

Achromatomaly
21, 4.566, 262.575

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 21, 11.417, 262.192 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, 52, 67)` looks like.

```
.text, #text, p{  
  color:rgb(37, 52, 67)  
}
```

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, 52, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 52, 67) }
```

Border

The CSS property to change the border of an element to CIELCh 21, 11.417, 262.192 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, 52, 67) }
```

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

```
.border{ border-color:rgb(37, 52, 67) }
```

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

Here you see how a box with a 4 pixel rgb(37, 52, 67) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 52, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 52, 67);  
box-shadow:4px 4px 4px 4px rgb(37, 52, 67)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 21, 11.417, 262.192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 52, 67) }
```

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

```
.background{ background-color: rgb(37, 52,  
67) }
```

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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