

Converting Colors

RGB(30, 255, 164)

Have a look what the booklet for
RGB(30, 255, 164) contains.

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Color

RGB(30, 255, 164)

Conversions

Conversions Part 1

Format	Color
Hex	1EFFA4
RGB	30, 255, 164
RGB Percent	12%, 100%, 64%
CMY	0.8824, 0.0000, 0.3569
CMYK	0.88, 0.00, 0.36, 0.00
HSL	156°, 100%, 56%
HSV	156°, 88%, 100%
XYZ	42.9963, 74.4764, 47.2312
YIQ	177.3510, -104.8890, -76.0010

Conversions

Conversions Part 2

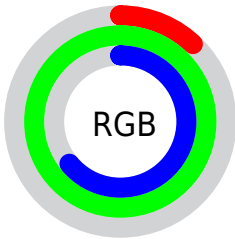
Format	Color
RYB	30, 171, 255
Decimal	2031524
CIELab	89.15, -69.39, 29.89
CIELCh	89, 75.558, 156.697
Yxy	74.4764, 0.2611, 0.4522
Android (android.graphics.Color)	4280221604 (0xFF1EFFA4)
YUV	177.3510, -6.5820, -129.2268
Hunter-Lab	86.2997, -62.0921, 27.9608

Details

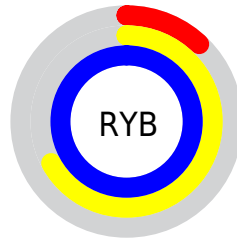
The RGB color **30, 255, 164** is a dark color, and the websafe version is hex **33FF99**. The color can be described as middle washed spring green. A complement of this color would be **255, 30, 121**, and the grayscale version is **177, 177, 177**.

A 20% lighter version of the original color is **121, 255, 219**, and **0, 197, 111** is the 20% darker color. If you saturate the color by 10%, you get **5, 255, 154**, and if you desaturate by 10%, it is **56, 255, 174**.

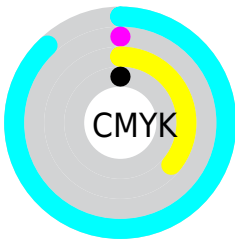
Distribution



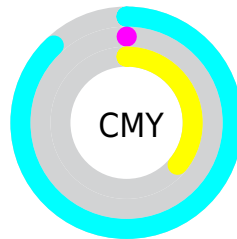
- Red (12%)
- Green (100%)
- Blue (64%)



- Red (12%)
- Yellow (67%)
- Blue (100%)



- Cyan (88%)
- Magenta (0%)
- Yellow (36%)
- Black (0%)




















- Cyan (88%)
- Magenta (0%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RGB color 30, 255, 164 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 RGB color 30, 255, 164 by changing the saturation by 10% instead.

 30, 255, 164	 30, 255, 164
 255, 255, 255	 0, 226, 137
 121, 255, 219	 0, 197, 111
 155, 255, 248	 0, 168, 86
 188, 255, 255	 0, 141, 62
 220, 255, 255	 0, 114, 39
 252, 255, 255	 0, 88, 15
	 0, 63, 0
	 0, 38, 0
	 0, 0, 0

 30, 255, 164

 30, 255, 164

 5, 255, 154

 56, 255, 174

 0, 255, 152

 81, 255, 185

 106, 255, 195

 132, 255, 205

 158, 255, 216

 183, 255, 226

 209, 255, 236

 234, 255, 247

255, 255, 255

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



172, 244, 101



30, 255, 164



0, 255, 239

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



30, 255, 164



105, 227, 255



255, 172, 142

Complementary

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



30, 255, 164



255, 30, 121

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 158, 211



30, 255, 164



249, 198, 255

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



30, 255, 164



0, 247, 255



255, 169, 255



255, 199, 88

Rectangle

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



30, 255, 164



0, 255, 255



255, 169, 255



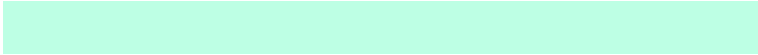
255, 165, 163

Sweetspot

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



30, 255, 164



189, 255, 228



124, 255, 30



88, 128, 112



0, 0, 0



128, 128, 128

Same Dimension

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



30, 255, 164



0, 255, 152



30, 236, 255



115, 128, 122



0, 191, 114



0, 64, 38

Inverse Universe

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



255, 30, 121



255, 0, 103



255, 49, 30



128, 115, 120



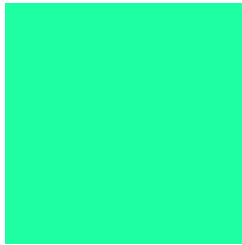
191, 0, 77



64, 0, 26

Previews

White Background



This preview shows how the RGB color 30, 255, 164 looks on a white 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

Black Background



This preview shows how the RGB color 30, 255, 164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

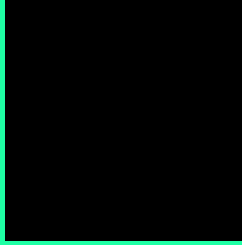
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

RGB 30, 255, 164 Background



This preview shows how black text looks on a background with the RGB color 30, 255, 164.

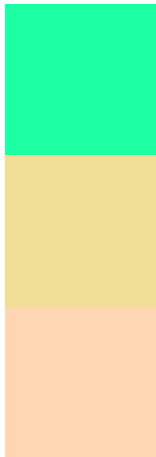


This preview shows how white text looks on a background with the RGB color 30, 255, 164.

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
30, 255, 164

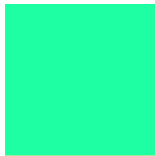
Protanopia
240, 222, 150

Deuteranopia
255, 214, 180



Tritanopia
132, 239, 255

Trichromacy



Original Color

30, 255, 164



Protanomaly

164, 234, 155



Deuteranomaly

173, 229, 174



Tritanomaly

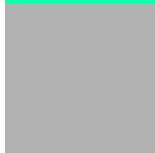
95, 245, 222

Monochromacy



Original Color

30, 255, 164



Achromatopsia

177, 177, 177



Achromatomaly

124, 205, 172

CSS Examples

Text

The CSS property to change the color of the text to RGB 30, 255, 164 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(30, 255, 164)` looks like.

```
.text, #text, p{  
    color:rgb(30, 255, 164)  
}
```

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(30, 255, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 255, 164) }
```

Border

The CSS property to change the border of an element to RGB 30, 255, 164 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(30, 255, 164) }
```

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

```
.border{ border-color:rgb(30, 255, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 255, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 255, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 255, 164);  
box-shadow:4px 4px 4px 4px rgb(30, 255,  
164) }
```

Background

The CSS property to change the background color of an element to RGB 30, 255, 164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 255, 164) }
```

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

```
.background{ background-color: rgb(30, 255,  
164) }
```

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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